

OBJECTIVE

To secure a position in a small to mid-sized company as a **Software Engineer** with a focus on creatively fulfilling user needs with my experience, talent and passion.

EDUCATION AND TRAINING

BS, Computer Science joint Mathematics,

University of Pittsburgh, Pittsburgh, PA, August 1985

Associates Degree, Computer Animation and Multimedia,

Art Institute of Pittsburgh, Pittsburgh, PA, September 1996, Graduate with Honors

Completed Training

Microsoft BI, Python Programming Language

TECHNICAL SKILLS

I have worked with many different platforms, operating systems and software packages over a 40-year career. Only the most familiar Hardware and Software has been listed.

Internet Programming, Client Connectivity via Custom Interface Adaptors, Web Site Interface Design, Database Design, Data Management, eCommerce Site Design, Multimedia Processes and Applications, Image Manipulation and Retouch, Animation Techniques, Graphic Design, Professional Printing Projects, and Customer Relations.

LANGUAGES & FRAMEWORKS

C#, C++, Dot Net Core 2.1 MVC, Entity Framework, Razor, Bootstrap, PHP OOP, Zend Framework, HTML, MySQL, LINQ, JavaScript, jQuery, DHTML, DataTables, JSON, AJAX, MS SQL, EXT JS, Cold Fusion, Visual BASIC

Minor experience with:

Word Press, Joomla, Magento, CMS/MS , ASP, MS Visual Studio, MS Project, Java

APPLICATIONS

MS Visual Studio Professional 2017, SQL Server Management Studio 18.4, Azure, Sublime Text 3, PHP Storm, Eclipse, Dreamweaver, Notepad++, Wireshark, Firebug, Sourcetree, GIT, Subversion, HeidiSQL, Navicat, Toad, Crystal Reports, MS Visual Interdev, Bash, vi, BBEdit, Xcode, MS Visual Basic, Adobe Suite CS6, MS Office, MS Access, Transmit

EMPLOYMENT HISTORY

Software Engineer, Westinghouse - WECTEC Staffing Services - Consulting

• Pittsburgh, PA, January 2021 - August 2025

Software engineering consultant dealing with legacy software and systems for Sizewell, Temelin and other nuclear power plants. Effort focus is on instrumentation, control bug fixes and enhancements. Tools include C#, C++, PL/M-86, PL/M-386, ASM86 Assembly Language, WireShark, SlickEdit Pro, MS Teams, MS PowerPoint, MS Office and other business tools.

Software Engineer, TMS International - Consulting

• Pittsburgh, PA, December 2019 - May 2020

I am part of a 4 person development team tasked with the redesign and transfer of TMS International's corporate management software from ColdFusion to C# Dot Net MVC. I helped build the new external website, also switching from ColdFusion to C# Dot Net. Corporate management software creation is in Dot Net Core 2.1 using C# in MS Visual Studio 2017, Entity Framework (LINQ), Razor views, jQuery, JavaScript, and Bootstrap. Database work is through SQL Server Management Studio. Version management is handled with Sourcetree. I am responsible for building the New Hire Training Administration area, Job Posting area and related external website pages.

Software Engineer, University of Pittsburgh - Consulting

• Pittsburgh, PA, August 2019 - September 2019

Provided software support for the Office of the Dean-Dietrich School of Arts and Sciences, **University of Pittsburgh**. Task involved solving a complex data processing problem with the need for optimized speed. Solution utilized **OOP PHP** and **SQL** to collapse third party data source into a more usable, condensed format. **Oracle SQL** managed through **TOAD** with **PHP** development in **Adobe Dreamweaver**.

Software Engineer, AGiRepair

• Greensburg, PA, April 2016 - February 2019

Software developer for Mako project, custom software designed to manage, track and repair devices within an academic or business environment. Based on an in-house **PHP framework** incorporating **JavaScript**, **jQuery**, **JSON**, **Propel**, **PDO** and other technologies. Responsible for creation and maintenance of client adaptors for connectivity with AGiRepair. Clients include eBay, Rent-A-Center, Amazon, Channel Advisor, and others. Programming consists mainly of **OOP PHP**, **PDO** and **JSON**. Extensive **SQL** development including **stored functions** and **compound/complex queries**. Software management through **SourceTree/GIT**. Knowledge base and documentation through **MS SharePoint**. Flowcharting with **OmniGraffle Professional**. Use of Apache, **Bash** and **vi** server stack for adaptor testing and cron job maintenance.

Software Engineer, U.S. Cargo/Pitt Ohio

• Pittsburgh, PA, October 2014 - November 2015

Software development and maintenance of in-house billing and package tracking software called iDeliver. Based on **EXTJS 3.4 JavaScript Framework**, **PHP**, **HTML 5**. it utilizes **JSON** and **AJAX** to communicate with an extensive **MySQL** database. The software interacts with both internal users and customers via an internet interface and in the field by use of handheld **Motorola Symbol MC-67 Pocket PC barcode readers**. Field units employ custom in-house iDeliver support software. My duties included software maintenance and development, heat ticket troubleshooting, process flow documentation and design.

Software Engineer, Rolls Royce Nuclear / PKMJ

• Pittsburgh, PA, February 2014 to October 2014

Software maintenance for noncritical, managerial applications used in the nuclear industry. Software is based on Microsoft dot Net 2008. Technologies include **Visual Studio 2008, Oracle Database, Crystal Reports, Birt Server, Windows 7**. My responsibilities include bug fixes, software testing and enhancement. Code generation requires understanding of complex relationships between object oriented Visual Basic, Oracle database structures and third party technologies, such as jQuery, AJAX and JSON. Additional responsibilities include self-directed learning of core technologies, acquisition of corporate processes and understanding of client applications.

Software Engineer, Teletracking Technologies Inc.**• Pittsburgh, PA, August 2011 to June 2013**

Development centered on **Zend Framework / Object Oriented PHP5** to produce a custom Intranet management system for TeleTracking Technologies. Complementing Zend was extensive use of **JSON, jQuery, Ajax, JavaScript, CSS3 and HTML 5**. Development tools include **SSH, Eclipse, GIT, Wireshark and firebug**. I was responsible for developing multiple modules including Collections, Support Cases and Shipping Requests. Shipping boasted custom complex forms that dynamically accounted for previous orders, Order logging, Email notification, PDF invoice generation and attachment, Order editing, dynamic postal address reconfiguration accommodating U.S., British and Canadian formats, and field content recall. I was also a key developer on the printed report generation system, currently in development. I was responsible for the design of the queue table and process logic as well as the Zend based report configuration area responsible for report option selection, the creation of the **Crystal Reports** templates and linkage between Crystal Reports and Zend.

Internet Programmer/Designer, Ascent Systems Inc.**• Murrysville, PA, November 2008 to February 2011**

Responsible for **PHP/mysql** programming and interface design for the Newfoundland Club of America (NCA) database website. The NCA website utilizes extensive dynamic content driven by a **mysql** database connected by **PHP** programming and stored procedures/functions. Performed administration of client websites hosted through the Ascent Systems reseller program. Created user accounts and/or pointing of domain names, website design and creation and customer relations. Website content management relied on **CMS/MS and Joomla**. Custom **CSS** creation and programming for AF Bookseller utilizing **Magento** eCommerce software. I personally designed and implemented the site design, modified **Magento**, populated the databases and connected the site to **PayPal** for online sales. I also handled the client relations, gathering requirements and performed training for use of the site.

Software Engineer, Einhorn Design Inc.**• Pittsburgh, PA, December 2007 to November 2008**

Responsible for custom Director software maintenance, extension and documentation. Programming covers both Macintosh and Windows environments with extensive Macromedia Director and Access database work.

Internet Advertising Technician, CIBER Inc.**• Pittsburgh, PA, February 2007 to August 2007**

Responsible for the creation of HTML templates, mailing list preparation and results reporting for mass Email advertising. Mailing lists may reach 750,000 or more Email addresses. Clients include Aquafresh, Beano, Nicorette, Ecotrin and others. The majority of the mailing process was carried out on Bigfoot custom software. I created a detailed 35 page document outlining the Email advertising process. This resulted in a general document of reference used to help train new employees.

Internet Programmer/Designer, Independent Consulting**• Pittsburgh, PA, February 2006 to February 2007**

Design and program custom websites for TQS Services, LI Foto and Clara's Pittsburgh Pierogies. Responsible for all aspects of the User Interface design, programming and business development. Projects required advanced understanding of HTML, CSS, JavaScript, DHTML, AJAX, PHP, **mysql**, Photoshop and User Interface design techniques.

Preferred Internet Programmer/Designer, Valueforge**• Pittsburgh, PA, November 1998 to February 2006**

Preferred contractor to Valueforge, used for the creation of custom web site User Interface design and programming using **PHP, CSS, ASP, Intershop, SQL, mysql, JavaScript, DHTML, HTML, Shockwave, VBA** and other programming methods. Database design/construction with multiple packages. Clients include **KOBOLD Inc., Gateway Packaging Corporation, MAGLEV Inc., First Call Plumbing, Direct Settlement Services, TQS Inc. and Morre Inc.**

Software Engineer, Sladekutter LTD**• Pittsburgh, PA, January 1997 to October 1998**

Internet and publishing startup company. Responsible for Internet programming of client sites, custom CGI applications, client interface and ISP trouble shooting. Clients include **WDVE Radio, The X Radio, WTAE Radio, CNB Bank, Cutler/Hammer, SURALCO** a division of **ALCOA** and **GAF Roofing Systems**.

Computer Programmer/Analyst Level 2, University of Pittsburgh/Department of Epidemiology**• Pittsburgh, PA, February 1987 to December 1996**

Computer Programming of **MS/DOS** and **DEC VAX/VMS** systems for multiple health related studies. Tasks included database planning, creation and maintenance, custom program generation, statistical programming in **SPSS**. My professional services were made available to additional departments, such as Environmental Occupational Health, Presbyterian Hospital and the Department of Biostatistics.



It is my pleasure to recommend Michael Cioletti for this position. Michael and I have worked for nearly three years together at AssetGenie, Inc. During this time, I was his direct supervisor. Michael's position was Lead Software Developer, and his personality and skillset quickly became a truly valuable asset to our team.

Having a small yet diverse team, Michael was quickly able to integrate into our staff. He worked well with all team members, and often fostered productive discussions. Michael was not afraid to ask for help when he needed it and was always the first to offer help when he noticed that someone else was struggling. He has a talent for explaining technical issues in ways that less-technical people are able to understand.

Michael's development skills and business experience played a key role in helping the company launch its first software directly to consumers. His insight had a great influence on feature selection and customer satisfaction. Michael's code was well developed, efficient, and always within standards. The test suites that he designed and executed covered nearly all the edge cases and there were rarely any post-release issues from his work.

Along with Michael's ability to design new software, his thoroughness and depth of understanding allowed him to successfully model, maintain, and upgrade our existing in-house systems. Michael was able to gain a very detailed understand of software that he was unfamiliar with and guide other developers through the learning process. Throughout this maintenance work he was able to compile a suite of very thorough documentation for future developers to use. This documentation is an invaluable asset to AssetGenie.

I confidently recommend Michael for your position, and I know that he will be as great of an asset to your company as he was to AssetGenie. Please feel free to contact me should you like to discuss further.

Steven Coulter
CIO/CTO
AssetGenie, Inc.
scoulter@assetgenie.com
724-516-4947



Gateway Packaging Corp.

November 15, 2001

Mr. Cioletti,

I wish to express my gratitude for your personal attention and professionalism regarding the Gateway Packaging web project. Your commitment to understanding our wishes and concerns instilled the confidence we needed to see the project through. I have come to trust your good nature and capacity to listen to our needs. That is why I have recommended your services to my son, who is also interested in having a web site built.

I'm pleased to have had the opportunity to work with you and look forward to doing so again in the future. I would be happy to recommend your internet design and programming services to any of your future clients. Thank you for helping us through a difficult and confusing project. May you have the best of luck in all your future endeavors.

Sincerely,

Louise B Weir
Gateway Packaging Corp



University of Pittsburgh

*Graduate School of Public Health
Department of Epidemiology*

Pittsburgh, Pennsylvania 15261
412-624-1599

July 16, 1996

Mr. Brad L. Janis
Program Director
Multimedia and Computer Animation Department
Art Institute of Pittsburgh
526 Penn Avenue
Pittsburgh, PA 15222

Dear Mr. Janis,

I am pleased to write a letter concerning the qualifications and experience of one of my employees, Mr. Michael Cioletti. Mr. Cioletti is a computer programmer II within the University of Pittsburgh, Graduate School of Public Health, Department of Epidemiology. He has worked in the Department of Epidemiology for the past eight and a half years, starting his employment in March of 1987. He possesses a double major in both computer science and mathematics from the University of Pittsburgh.

He has worked on approximately ten major studies within the department. These research projects have required Mr. Cioletti to interact at multiple levels with many different types of people. In the Flu Immunization and Prevention of Pneumonia in the Elderly Grant (Centers for Disease Control), Mr. Cioletti worked closely with at least a dozen infectious disease nurses and interviewers from area hospitals. Over a two-year period (1991-93), 1600 patients had to be recruited, interviewed, and data entered and analyzed as part of a national collaborative study. Michael not only designed all data entry and follow-up forms, but also conducted seminars where he directed the proper completion of forms in an expeditious manner. The next study he worked on was the General Motors Noise and blood pressure study. Both of these studies were in different cities, one in Chicago and one in Mansfield, Ohio. Mr. Cioletti, once again had to fashion the data entry forms, explain the protocol and proper data entry and completion instructions. He never lost his temper, always made deadlines and in general conducted himself in a very professional manner.

Whenever there is a mistake or something is not working, Michael works through the problem until a solution is found.

Presently, because of schooling, he had cut back to two days a week on these projects. The two current projects are the Vietnam Mortality Follow-up Study, and the Three Mile Island Follow-up study. These require computer programming and analysis on very large datasets (115,000 and 35,000 individuals). They also require large data base manipulation,

Mr. Brad L. Janis
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for which Michael is well known and well versed. He has always worked with groups of people possessing varying levels of expertise, this includes graduate students, faculty, junior faculty and staff. While working on these projects, it has become clear that Michael has a flair for audiovisual and graphics applications. He has been creating all of my instructional and research slides and graphics for the past five years. He is a master at this and we are glad he can pursue his dream of working in multimedia applications. Please let me know if I can provide you with any additional information on this talented and hardworking individual. He is essentially in charge of all of our graphics which are turned out by my unit.

In addition he has worked outside of the department with the Pennsylvania State Department of Health. We are comparing the rates of cancer and mortality rates for the Three Mile Island area and radiation exposure. In the Vietnam Health Study, the major question is whether the mortality experience of Vietnam Veterans is the same as an age-matched group of men from Pennsylvania. These again are very large datasets and require complicated analysis. Michael is well versed in SPSS software and other data analysis and spreadsheet packages. These data must be analyzed by age, race, sex and year of services. Michael has also worked on several other cancer projects such as the Breast and Cervical Cancer Project and has been in charge of data from the Health Care Financing Administration. In closing, I believe Mr. Cioletti possesses the interpersonal skills to become a project director for any large project which is offered to him. He meets deadlines and exceeds them. I would be happy to discuss any other questions you have. Please call my office at 624-3074.

Sincerely,

A handwritten signature in cursive script, reading "Evelyn Talbott".

Evelyn Talbott, Dr.P.H.
Associate Professor

SLADEKUTTER

a creative foundry

DATE: 9.24.97
TO: Mike Cioletti
FROM: Steve Butler
SUBJECT: Commercial National Bank Web Site

Mike,

I just wanted to commend you on the excellent work you've done on the CNB Web Site. The hard work has paid off, as this is surely one of our showpiece examples. This project is a not only a good example of how we strive to meet our clients needs, but is also the kind of work that will take us to the top.

Thanks for the hard work and congratulations on a job well done!

Steve

cc: Chris Bannon

100 Fleet Street
Pgh, PA 15220
P: 412.920.7311
F: 412.920.7422
www.sladekutter.com

MEMORANDUM

DATE: September 22, 1997
TO: Mike
FROM: Chris
RE: CNB Website
CC: Steve

I just wanted to tell you that the work you did in producing the Commercial National Bank was exceptional. Although we started out slow because of the whole frames dilemma, you made up for it by putting a very large site together in a short two and a half weeks.

The way that you, Nathan and Lou worked together to construct a very good-looking and comprehensive website makes me feel that we may be able to make money in this business after all.

We also learned some valuable lessons in this process, lessons that will certainly come in handy as we grow our client list and our company. When you have completed the initial development of this site, and before you move on to your next project, I would ask that you document the lessons we learned from this creative experience and make suggestions that would benefit our web-building process for future generations of Sladekutters. You can drop this report in my in-basket and I will distribute copies to everyone who should have it.

Once again, thanks for the effort. It really shows in the quality of this creative project.