

# Zachary Petrusch

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412-266-5128

7070 Forward Ave Apt. 701, Pittsburgh, Pa 15217

## Technical Skills

- C#
- Java
- JavaScript
- Unit Testing
- WPF
- Visual Studio
- Web API
- .NET Core
- Entity Framework
- Scrum
- Git
- SQL
- WinForms
- PHP
- Lua
- Python
- XML
- C++
- AJAX
- Shell/Bash
- CSS
- HL7
- CCL
- SVG

## Professional Experience

**Bechtel Marine Propulsion Corporation – Bettis Atomic Lab**

2015 - Current

Software Developer

- Develop and support WPF/C# applications that assist in automated testing and overall business goals and projects.
- Provide extension of features for lifecycle products including backend C# MVC and SQL Server based applications
- Troubleshoot and diagnose issues with software in order to identify and correct issues.
- Work using Agile and Scrum in order to deliver high value requirements in a timely manner.

**UPMC – Melwood Ave**

2014

Summer Associate – Information Services Division

- Created CCL scripts in order to protect sensitive information and ensure data integrity.

**Summer Undergraduate Research Experience Grant**

2013 - 2014

Student Researcher

- Implemented an open sourced Python project to create a web crawler to convert website layouts into graph structures.
- Assisted with research into graphical structures and navigation of websites

**Sears – Ross Park Mall**

2012 - 2013

Merchandise Pickup Associate

## Education

**Slippery Rock University**

Bachelor of Science in Computer Science

Graduation: May 2015

Minor in Information Technology

QPA: 3.50 (3.65 Major)

## Achievements

Future Point of Sale Scholastic Challenge – 1<sup>st</sup> Place Mobile

2014 & 2015

- Developed mobile apps using Lua and the Corona SDK.

National Conference for Undergraduate Research (NCUR)

2014

- Presented a research poster based on work performed as a student researcher

ACM Regional Programming Competition

2013 & 2014

PACISE Regional Programming Competition

2013

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