

Joseph A. Schell

Portland, OR | Phone: (510) 965-3166 | Email: JosephSchell510@gmail.com
LinkedIn: <https://www.linkedin.com/in/js510> | GitHub: <https://github.com/Falcon-Punch>

SKILLS

Proficient Languages: C, C++, Java
Experience with: C#, Python, SQL, PHP, HTML, CSS, JavaScript
Technologies: Visual Studio, jQuery, Ajax, Android, UNIX / Linux, Valgrind, Unity, Git / GitHub, PowerShell, Adobe Photoshop

EDUCATION

Bachelor of Science, Computer Science **May 2019**
Pacific University, Forest Grove, OR (Expected)

PROJECTS

Music Site / Spotify Clone (HTML / CSS, PHP, MySQL, jQuery, Ajax) **Aug 2018**

- A music streaming website that allows the user to sign up for an account, search and store music into personalized playlists.
- The site is highlighted by an interactive music playing bar that allows the user to control the music via shuffle, repeat, play, pause, previous and next buttons.

Keylogger (C++, Visual Studio, PowerShell) **Aug 2018**

- Created a program that logs key strokes, encrypts the keys and then stores them into a hash table.
- The program stores the encrypted data into a log file and emails the file to the user.
- Designed to be undetected by most anti-virus software.

Cryptocurrency Top 100 Ranker (Python) **July 2018**

- Python app that lists 100 cryptocurrencies in order of rank, 24-hour change or volume.
- Data is pulled from the Global API of the Coin Market Cap website and displayed in a command line table.

UNIX Shell (C, Eclipse IDE, UNIX) **June 2018**

- Creation of a small command line interface in UNIX that utilizes child and parent processes.
- The program includes input/output redirection, piping and background launching.

PROFESSIONAL EXPERIENCE

Software Developer – *Silika Technologies*, Hillsboro, OR **June 2018 – Current**

- Worked with senior consultants to help clients solve business issues.
- Technologies worked with include: C#, PowerShell, SQL, Git and Azure.
- Wrote detailed tutorials on how to install, setup and use various client software.

Manufacturing Technician - *Intel Corporation*, Hillsboro, OR **Dec 2014 – May 2015**

- Completed complex functions associated with all wafer and semiconductor production including equipment, operations, engineering and training in a Class 1 clean room environment.
- Communicated with the engineering department on a daily basis to test and resolve issues with product development.
- Resolved nonstandard events within the product line to maintain continuity with operations.

Aviation Electrician - *US Navy*, Lemoore, CA **Apr 2008 – Dec 2015**

- Performed scheduled and unscheduled updates and maintenance on components for the F/A-18 naval aircraft in order to maintain crucial flight schedule operations.
- Tested and troubleshooted embedded electrical issues using schematics, oscilloscopes, ohmmeters, ammeters and voltmeters.
- Collaborated and communicated with other electricians, technicians and engineers daily to apply group critical thinking methods to solve issues.