Joseph A. Schell

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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   **Aug 2017 – May 2019**
Pacific University, Forest Grove, OR   (Expected)

Associate of Arts Oregon Transfer Degree   **June 2015 – Aug 2017**
Portland Community College, Portland, OR

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.

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 Coin Market Cap website and displayed in a user-friendly command line table.

UNIX Shell (C, Eclipse IDE, UNIX)   **June 2018**
- Creation of a small command line interface in UNIX.
- Utilizes child and parent processes as well as inter-process communication.
- 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 troubleshot 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.