

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 in Computer Science (3.54 GPA) **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.

UNIX Shell (C, Eclipse IDE, UNIX) **May 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.

UFO Maze Game (C#, Unity, PC Gaming) **May 2018**

- Allows players to fly a UFO through six levels of mazes that grow increasingly more difficult.
- Includes particle effects, moving obstacles, agile ship rotation and ship thrusting effects.

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 – Nov 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.