

Joseph Schell

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Portland, OR

EDUCATION

WESTERN GOVERNORS UNIVERSITY

BACHELOR OF SCIENCE

COMPUTER SCIENCE

Saly Lake City, UT

Expected Graduation May 2019

GPA: 3.0

PORTLAND COMMUNITY COLLEGE

ASSOCIATE TRANSFER DEGREE

FOCUS ON COMPUTER SCIENCE

Portland, OR

Graduated 2017

GPA: 3.78

LINKS

Portfolio:

Falcon-Punch.github.io/Portfolio

GitHub: github.com/Falcon-Punch

LinkedIn: [linkedin.com/in/js510](https://www.linkedin.com/in/js510)

SKILLS

PROGRAMMING

PROFICIENT:

C • C++ • Java

EXPERIENCE WITH:

C# • Python • SQL • PHP

HTML5 • CSS • JavaScript

TECHNOLOGIES:

Visual Studio • jQuery • AJAX

Android • UNIX / Linux • Valgrind

Unity • Git / GitHub • PowerShell

WordPress • Adobe Photoshop

COURSEWORK

Data Structures

Object-Oriented Programming

Intro to Android Programming

Computer Security

Operating Systems

Discrete Math

Linear Algebra

EXPERIENCE

SILIKA TECHNOLOGIES SOFTWARE DEVELOPER

June 2018 – Current | Hillsboro, OR

- Worked with senior consultants to help clients solve business needs.
- Debugged and refactored code found in client software using Visual Studio.
- Technologies worked with include: C#, PowerShell, SQL, Git and Azure.

INTEL CORPORATION MANUFACTURING TECHNICIAN

2014 – 2015 | Hillsboro, OR

- Completed tasks 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 to test and resolve issues with product development.
- Resolved nonstandard events within the product line to maintain continuity with operations.

U.S. NAVY AVIATION ELECTRICIAN

2008 – 2015 | Lemoore, CA

- Performed scheduled and unscheduled maintenance on electrical 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 with other electricians, technicians and engineers daily to apply group critical thinking methods to solve electrical aircraft issues.

PROJECTS

MUSIC SITE / SPOTIFY CLONE

Technologies used: HTML, CSS, PHP, MySQL, jQuery, AJAX

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

FRACTAL IMAGE GENERATOR

Technologies used: C++, Visual Studio

- Draws pixels onto a bitmap image that forms recursive fractal designs using Mandelbrot's algorithm.
- The program also has a zoom function that allows the user to magnify images.

UNIX SHELL

Technologies used: C, Eclipse IDE, UNIX

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

HONORS AND AWARDS

- Portland Community College President's List (Highest Honors)
- Phi Theta Kappa Member Award (Scholarship)
- Work Opportunity Tax Credit Eligible (For Potential Employers)