Joseph Schell

falcon-punch.github.io/Portfolio
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EDUCATION

PACIFIC UNIVERSITY
Bachelor of Science
Computer Science
Forest Grove, OR
Expected Graduation May 2019
GPA: 3.57

LINKS

GitHub: **github.com/Falcon-Punch**
LinkedIn: **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
Intro to Android Programming
Human Computer Interaction
Computer Security
Operating Systems
Discrete Math
Linear Algebra

AWARDS

• Math and CS Talent Award
(Scholarship)
• Pacific Scholarships in Math and
Sciences Award (Scholarship)
• Phi Theta Kappa Member Award
(Scholarship)
• U.S. Navy Good Conduct Medal
• Global War on Terrorism Service
Medal
• National Defense Service Ribbon

PROJECTS

MUSIC SITE / SPOTIFY CLONE   Aug 2018
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   Aug 2018
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   May 2018
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.

UFO FLIGHT SCHOOL VIDEO GAME   May 2018
Technologies used: C#, Unity, PC Gaming
- 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.

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
Dec 2014 – May 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
April 2008 – Nov 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 troubleshot 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.