Elijah Engineer

Seattle, WA 98119   engineere@spu.edu   (206) 281-1234   linkedin.com/in/elijaengineer

Skills and Qualifications
- Experience with C++, C, Swift, Python, PHP, CSS, Visual Basic, MIPS, SQL
- Excellent writing skills, both technical (System Proposals, Memos) and academic (Research, Argumentative, Analytical essays)
- Team player and adept at following complex instructions
- Responsible, creative, organized, quick learner and self-starter

Education & Honors
Bachelor of Science in Computer Science, Minor in Computer Engineering expected June, 2016
Seattle Pacific University, Seattle, Washington   GPA: 3.92
   Awarded Merit Scholarship for Academics & Dean's List (11 quarters out of 11 quarters)

Technical Experience
Mobile Software Engineer, TextOwl: The Definitive Reading Experience (SPU class project Winter, 2015– Spring, 2016)
- Wrote waterfall-style system documentation for the project
- Designed and implemented multiple MVCs for iPad environment

Designer / Project Manager, Naturalize video game (in progress, SPU Developers Club Fall 2015 – Summer, 2016)
- Helped design game atmosphere, game mechanics, and unit properties
- Managed project from Winter, 2015 to Summer, 2016

Operating Systems Programmer, Windows (SPU class project Winter, 2015 – Spring, 2016)
- Implemented a hex dump program
- Implemented personal versions of make and dir command line arguments
- Implemented pipeline program of three sub-programs ("Source-Filter-Sink")
- Designed and implemented IPC Socket chat program
-

Microcontroller Programmer, PSoC4 Design, Seattle, WA (Spring, 2015 – Summer, 2015)
- Designed and implemented an oscilloscope using PSoC4 interrupts
- Designed and implemented a "metronome" that measured time delay of user input
- Designed and implemented a "Starblasters" multiplayer game using SPI

Assembly Programmer, Computer Organization (SPU class project Winter, 2015 – Spring, 2015)
- Coded simple Bubblesort algorithm using MIPS
- Coded various logic gate implementations using NAND logic without pseudoinstructions

Parser Programmer, Lex Scanner and Interpreter (SPU class project Fall, 2014 – Winter, 2015)
- Designed and implemented a top-down parser and interpreter for a simple language (13 tokens)
-

Technical Writer, Database System Documentation (SPU class project Fall, 2013 – Winter, 2014)
- Evaluated functional and non-functional requirements, design constraints, and feasibility risks
- Designed use-case and structural model metadata
- Wrote full documentation for a database project proposal

Additional Experience
- *Mathematics Tutor,* Seattle Pacific University, Seattle, WA (March 2016 – June 2016)
- *Security Desk Attendant,* Seattle Pacific University, Seattle, WA (September 2015 – June 2016)
- *Search Engine Evaluation Agent,* Leapforce At Home, Seattle, WA (February 2015 – September 2015)