Peyton Programmer

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Skills and Qualifications

- Experience with languages C++, C, Swift, Python, PHP, CSS, Visual Basic, VHDL, MIPS, SQL
- Excellent writing skills, both technical (System Proposals, Memos) and academic (Research, Argumentative, Analytical essays)
- Team player; gained through working on teams of 5-10 individuals during programming projects throughout time at Seattle Pacific University.
- Effective time management skills shown by balancing work, school and outside programming experiences all simultaneously.

Education & Honors

Bachelor of Science in Computer Science, Minor in Computer Engineering June 2019

Seattle Pacific University, Seattle, Washington

> GPA: 3.92; Awarded Merit Scholarship for Academics & Dean's List (11 quarters out of 11 quarters)
>
> Relevant Coursework: Data Structures, Systems Design, Computer Architecture, Netcentric Computing

Technical Experience

Mobile Developer, TextOwl: The Definitive Reading Experience, Seattle, WA (Winter 2018 – Spring 2019)

- Wrote waterfall-style system documentation for the project
- Created and implemented multiple MVCs for iPad environment
- Collaborated with a team of 5 other programmers balancing different ideas and personalities

Seattle Pacific University Developers Club, Naturalize video game, Seattle, WA (Fall 2017 – Summer 2018)

- Designed game mechanics and properties in conjunction with 10 other team members
- Managed project from Winter 2014 to Summer 2015 and oversaw a group of 10 other developers to create a new video game

Microcontroller Programmer, PSoC4 Design, Seattle, WA (Spring 2016 – Summer 2016)

- Designed and implemented an oscilloscope using PSoC4 interrupts
- Produced and created a "metronome" that measured time delay of user input
- Constructed and facilitated a "Starblasters" multiplayer game using SPI

Assembly Programmer, Computer Organization, Seattle, WA (Winter 2015 – Spring 2016)

- Coded simple Bubblesort algorithm using MIPS
- Arranged various logic gate implementations using NAND logic without pseudoinstructions

Parser Programmer, Lex Scanner and Interpreter, Seattle, WA (Fall 2015 – Winter 2016)

- Tabulated a top-down parser and interpreter for a simple language (13 tokens)

Technical Writer, Database System Documentation, Seattle, WA (Fall 2014 – Winter 2015)

- 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 to present to 15+ stakeholders

Additional Experience

- *Security Desk Attendant,* Seattle Pacific University, Seattle, WA (September 2018 – June 2018)
- *Search Engine Evaluation Agent,* Leapforce At Home, Seattle, WA (February 2018 – September 2018)
- *Assistant to the Business Manager*, Logos Public Charter School, Medford, OR (June 2017 – September 2017)
- *Childcare Provider,* Medford, OR (September 2013 – June 2017)