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## EDUCATION

| | |
|---|---|
| **B.S. Computer Science** | **A.S. Associate in Science Transfer** |
| University of Washington – Seattle, WA | Shoreline Community College – Shoreline, WA |
| Expected Graduation: June 2021 | Graduated: June 2019 |
| GPA: 3.65 | GPA:  3.95 |
| Skills: (In order of descending proficiency) | |
| Java, C/C++, bash, Swift, Python, HTML, CSS | |
| | |
| Coursework: | Coursework: |
| Foundations of Computing, Hardware-Software Interface | Java Programming, Python Programming, |
| Data Structures, Systems Programming (Winter 2020) | Public Speaking, Calculus Series, Physics Series |
| Computer Security, Software Design (Spring 2020) | |

## PROGRAMMING PROJECTS

**Secret Santa Mailing Service**                                                    December 2019 - Present
- Desktop application made with JavaFX to pair individuals up for a Secret Santa Game and sends out emails.
- Generated a HTML message using JavaX mail API to send mass emails regarding peoples' pairing
- Used Gmail and Yahoo's SMTP hosts for email verification
- Compiled program into executable for portability.

**Pong**                                                                                               June 2019
- Created the game "Pong", written in Java. Used Swing to create panels and labels.
- Learned how to implement and use Java Swing to create moving objects and GUIs.
- Collision detection was made using coordinates calculation.

**Sudoku Solver**                                                                               March 2019
- Implemented a sudoku solver that takes in .sdk and .ss files as input and outputs the solved puzzle.
- Gave two ways of solving the puzzle: Depth-First Search method and Recursive method. With DFS being the quicker and more efficient.
- Learned and used recursion as a way of solving the puzzle.

## OTHER EXPERIENCE

**Governmental Affairs Officer** | Shoreline Community College                     June 2018 – June 2019
- Served as the Governmental Affairs Officer in the Student Government of Shoreline Community College for the 2018-2019 year.
- Organized a series of workshops related to Social Justice titled "From Margin to Center," with an overall turnout of 230~ people, including students and members of the public.
- Created a more civic minded and engaged community by getting a third of new students in Fall quarter of 2018 registered to vote.

**Research Assistant** | Nanyang Polytechnic                                      February 2016 – June 2017
- Worked with a professor and a group of students in Nanyang Polytechnic in Singapore to write a paper about the Science Behind a Good Presentation while taking classes in Secondary School.
- Given the opportunity to present the project in a Symposium held to the school that was viewed by members of Nanyang Polytechnic's faculty as well as Zhonghua Secondary School's faculty.
- Learned various researching skills such as the ability to pick out credible peer-reviewed scientific journal articles from the mentor and my teammates.