Andy Phan

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EDUCATION _____

University of Washington   *Seattle, WA*
Bachelor's degree in Computer Science   *Expected March 2022*
GPA : 3.72
South Puget Sound Community College   *Olympia, WA*
Associates of Arts degree   *Graduated June 2019*
GPA: 3.95

EXPERIENCE _____

Freelance Web Developer   *Summer 2020*
- Designed and constructed mobile-friendly websites for clients using HTML, CSS, JavaScript, and Node.js
- Prepared multiple designs and templates for client approval before development

SKILLS _____

Programming Languages: Java, Python, HTML/CSS, JavaScript, SQL, Lua
Frameworks/Tools: Node.js, React.js, Bootstrap, Git, MySQL, SQLite, Firebase, Heroku

PROJECTS _____

React.js, Bootstrap, Firebase, Git — **OpenBar | Hackathon** — *Summer 2020*
- Participated in Hack'20 online hackathon as a team of four
- Co-built React web texting app that pairs clients to others based on a struggle they may have so they can vent anonymously
- Implemented user authentication and a real-time database using Google Firebase

Python, Pygame — **MazeAlgorithms | Personal** — *Summer 2020*
- Built a Python app that displays animations for various maze generation and maze solving algorithms such as Kruskal's algorithm and A*
- Used Pygame to implement a GUI with customizable maze sizes and step-by-step animation

React.js, Express.js, Bootstrap, Heroku — **SpotifySort | Personal** — *Summer 2020*
- Developed a React app using the Spotify Web API that retrieves the client's playlists and sorts the songs based on the client's selected option
- Rendered data from AJAX calls to an Express.js backend to display playlists, songs, and their audio features

Lua, Love2D — **SRS-Standard Tetris | Personal** — *Winter 2019*
- Built video game clone of Tetris implementing many modern-day Tetris features including animations, SRS-standard rotation system, custom controls, and random sequence generator.