Jason Wang

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Education

The Pennsylvania State University | Expected May 2022
Bachelor of Science in **Software Engineering**

Coding Dojo | December 2018
Certificate in **Full Stack Web Development** | 3x Black Belt Honors Graduate **(Top 3 Students)**

- **Relevant course projects**
  - **Munch Wheel |** *Personalized Food Decision Application* | *https://github.com/jawang94/munchwheel*
    - Developed an interactive food-centric mobile application that enables users to find and navigate to their personalized dining result with the tap of a button
    - Integrated Google Maps API and Yelp API to provide up to date, relevant, and accurate results
    - Utilized SVG: Scalable Vector Graphics and CSS to create an interactive user interface and enjoyable user experience
  - **Blast |** *Modern Group Chat Forum Implementing Socket.io* | *https://github.com/jawang94/blast*
    - Developed a social media and news aggregation forum that not only allows per-thread comment and reply capability, but live chat functionality
    - Utilized Socket.io to create socketed threads that serve as unique and independent chatrooms
    - Created all services, components, and methods for the handling of data between the client and server

Technical Skills and Accomplishments

Programming skills in Javascript (Strong), Java (Prior Experience),
Python (Prior Experience), HTML, CSS, SQL, and NoSQL
Proficient developing with Angular, React, Spring, Flask, and Django
Experience working with MySQL Workbench and MongoDB
Comfortable using Visual Studio Code, IntelliJ, and Spring Tools Suite

- **1st Place** at *DefHacks 2019*
  TesselloScore | *Winners: Disrupt Credit Rating Industry* | *https://github.com/jawang94/tesselloscore*
  - Designed and developed the software for a new universal, transparent, and distributed credit score system
  - Implemented MongoDB for highly scalable big data storage, Express.js and Node.js for client-to-server communication, and Angular for a dynamic front-end experience
  - Utilized Bootstrap, jQuery, and Chart.js to deliver a clean user interface and enjoyable user experience
  - Integrated Ridge Regression modeling in Python to deliver a smart, adaptive, ever-advancing credit score algorithm
- **1st Place** at *SacHacks 2018*
  FanScoop | *Winners: Best Use of Here.com API* | *https://github.com/jawang94/fanscoop*
  - Implemented an application that allows Kings fans to carpool to venues during game-time, fostering fan spirit, increasing revenue for the organization, and cutting down on carbon emissions
  - Utilized React Native to deliver a modern, seamless, and engaging user experience
  - Utilized StyleSheets and Flexbox to create an aesthetically pleasing and professional product

Work Experience

Assistant Director at **Eastside Tennis Center** | *May 2016 - September 2017* | *Kirkland, WA*
- Directed all aspects of center operations, notably the Adult Program which grew by ~20% and the Junior Program which grew by ~10% during my tenure
- Provided technical and strategic coaching for both adults and juniors of which many were ranked in the Top 100 regionally and/or nationally
- Played a critical role in the organization and execution of the Club Banquet and Raffle which generated the club ~$1.2 million in revenue annually
- Directed Regional Sanctioned USTA Tournaments for both Advanced and Standard levels