

# 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 Social Media News Forum*** | <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), C++ (Learning)  
HTML, CSS, SQL, and NoSQL

**Proficient developing with** Angular, React, Spring Boot, Flask, Django, MySQL Workbench, and MongoDB

**Comfortable using** Visual Studio Code, IntelliJ, CLion, and MacOS Terminal

- **Hackathon victories**
  - **1st Place** at ***DefHacks 2019***  
**TesselloScore** | ***Winner: 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-improving credit score algorithm
  - **1st Place** at ***SacHacks 2018***  
**FanScoop** | ***Winner: 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 interface and 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