

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/Munch-Wheel>
 - Developed an interactive food application that enables users to find and navigate to a personalized dining result
 - Integrated Google Maps API and Yelp API to provide a up to date and accurate results
 - Utilized SVG: Scalable Vector Graphics and CSS to create an animated and aesthetically pleasing application
 - **Blast** | *Modern Group Chat Forum Implementing Socket.io* | <https://github.com/jawang94/BLAST>
 - Developed a social media and news aggregation forum with socketed threads that serve as unique chat rooms
 - Utilized Socket.io to create a seamless experience unique to each individual thread that is created
 - 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 (Functional),

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** out of 500+ hackers
 - FanScoop | *SacHacks I: 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

Coursework

Systems: Operating Systems | Embedded Real Time Systems | Database Management Systems

CS: Data Structure and Algorithms | Programming Language Concepts | Discrete Mathematics for Computer Science

SE: Object-Oriented Software Design and Construction | Software Architecture | Software Verification, Validation, and Testing

Mathematics: Calculus with Analytic Geometry | Matrices | Ordinary Differential Equations

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