

# 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