



Education

The Pennsylvania State University | State College, PA
Bachelor of Science in **Software Engineering**

PRESENT - CONTINUING

Coding Dojo | Bellevue, WA

Honors: **Triple Black Belt Honors Graduate**

SEP 2018 - DEC 2018

Experience

SOFTWARE ENGINEER | **ELEVĀT**

JUNE 2019 - PRESENT

- ▶ Developing enterprise-level software to connect the industrial world via smart services and products

SOFTWARE ENGINEER | **XEMELGO**

MAY 2019 - JUNE 2019

- ▶ Worked on various high visibility Industrial IoT software for Industry 4.0 smart manufacturing implementing cloud, mobile, computer vision, and AI technologies
- ▶ Resolved compatibility and responsiveness issues across multiple platforms, devices, and browsers such as web, mobile, and legacy browsers
- ▶ Established a company-wide code quality, best practices, and styling guide, increasing codebase performance and maintainability whilst reducing developer comprehension time

Projects & Awards

TESSELLOSCORE | **1ST PLACE @DEFHACKS 2019** | **DISRUPT CREDIT RATING INDUSTRY**

- ▶ Designed and developed 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
- ▶ Integrated a Ridge Regression model to deliver a smart, adaptive, and self-improving credit algorithm
- ▶ GitHub Repository: <https://github.com/jawang94/tesselloscore>

FANSCOOP | **1ST PLACE @SACHACKS 2018** | **BEST USE OF HERE.COM API**

- ▶ Implemented an application that allows Sacramento Kings fans to carpool to venues during game-time, thereby fostering fan spirit, increasing revenue for the organization while cutting down on carbon emissions simultaneously
- ▶ Utilized React Native to deliver a modern, seamless, and engaging UI and UX
- ▶ GitHub Repository: <https://github.com/jawang94/fanscoop>

FOR MORE

- ▶ <https://github.com/jawang94>

Summary of Qualifications

- ▶ **Programming skills in** [JavaScript](#) · [TypeScript](#) · [NoSQL](#) · [HTML](#) · [CSS](#) · Python · Java · SQL
- ▶ **Developed with** [Angular](#) · [React](#) · [React Native](#) · [MongoDB](#) · Django · Flask · Spring Boot · MySQL · GraphQL · Socket.IO
- ▶ **Experience in** Full-Stack · Front-End · Back-End · Web Development · Mobile Development · System Design · Data Structures · Algorithms
- ▶ **Enjoy** tennis, fashion, fitness, and nutrition