

# Fisher Munson-Warnken

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## Technical Skills

Languages: Python • Java • C++ • C • R-Studio • HTML • CSS • JavaScript

Frameworks: React • Django • PostgreSQL

Concepts: OOP • Prototyping (Figma) • REST APIs • Data Structures

## Technical Projects

### [Crash Tested](#)

December 2025

*UBC Data Quest Hackathon, Vancouver, BC*

- Built a predictive model to evaluate the Vancouver metropolitan area economic climate in the event of a recession.
- Took on the role of project manager and lead developer, utilizing **Python** libraries such as **Pandas**, **Numpy**, and **Scikit**.
- Model earned a second place finish out of 25 teams.

### [CRIBS](#)

*nwHacks, Vancouver, BC*

December 2024

- Mobile app to streamline landlord and tenant interaction. Inspired by the qualms of finding short term housing as a UBC student.
- Used **Figma** for prototyping, **Django** and **PostgreSQL** to build the backend and database.
- Won “most likely to be a startup” award.

### [Anderson-Darling Normality Analysis](#)

*Personal Project*

November 2024

- Used **OOP** design principals to build statistical software. Built in **Java**, allowed for save and load states with **JSON** configuration.
- Applied Anderson-Darling analysis on user specified datasets to check for nearly normal trends in the given data.
- Computed quantiles and probabilities derived from normally distributed data.

### [MineCraft Newsletter Prediction Model](#)

*Personal Project*

June 2025

- **Python** Machine Learning project using **KNN** algorithm to classify UBC MineCraft players as likely or unlikely to subscribe to a weekly newsletter.
- Used to target the newsletter to a specific subset of players, ensured proper resource allocation from the server moderators.

## WORK EXPERIENCE

### Media Director

December 2024 – Present

*UBC Brazilian-Jiu Jitsu, Vancouver, BC*

- Develop and manage club communications by creating informational content, coordinating with Canadian BJJ organizations, collaborating with executives, designing merchandise, and supporting event organization to promote a consistent club ethos.

### Mathematics Tutor

*Independent, Vancouver, BC*

September 2024 – Present

- Helped peers with first and second year mathematics at the Math Learning Center in UBC.
- Gained valuable insight into different learning styles, accommodating for various kinds of students.

### Line Cook

May 2024 – August 2025

*The Spot on the Dock, Burlington, VT*

- Worked in a high speed environment, ensuring adequate service and quality through teamwork and communication
- Boasted the largest service in the greater Burlington area, awarded the best outdoor dining experience in 2024.

### Visual Merchandising and Customer Service

May 2023 – August 2024

*REI Co-op, Burlington, VT*

- Collaborated with team members to serve 100+ customers daily, using knowledge of outdoor goods to increase sales and maintain a positive customer experience.

### Media Design and Videographer,

*Habitat for Aviation, South Burlington, VT*

July 2022 – September 2022

- Produced promotional video for an upcoming aviation school in Waitsfield, Vermont.
- Worked with Beta Technologies to highlight the need for pilots and engineers of the ALIA electronic aircraft.

## EDUCATION

### Combined Major in Computer Science and Statistics

September 2023 – May 2027

*University of British Columbia, Vancouver, BC*

- Average: 83.3% ~ 3.9 GPA

## CERTIFICATION

### Google Cyber Security

Google Cert • 2025

### Digital Marketing

Hubspot • 2024

### SQL basics Certificate

Hackerrank • 2025

### Python basics Certificate

Hackerrank • 2025