

# Luke Sarausad

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## PROFILE

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I am a motivated college student looking to expand my knowledge and experience within the professional software world. Experienced in Object oriented programming and passionate about the intersection of finance and machine learning.

In terms of my career goals, I plan to graduate from the University of Washington with a computer science degree and aspire to enter the software industry with a focus on artificial intelligence and big data. Using my knowledge in computer science and the LLM space coupled with my passion in finance, I want to generate financially effective business solutions.

## EDUCATION

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**University of Washington** | B.S. in Computer Science (Data Science Option) - Minor in Business Expected June 2026

- GPA: 3.84/4.0
- Relevant Coursework: Software/Hardware Interface, Discrete Math, Software Design/Implementation, Calculus I-III, Introductory Programming
- Algorithmic Trading Club / Software Engineering Career Club
- **Java, Javascript, C, Python, Powershell, Object Oriented Programming**

**Issaquah High School** | High School Diploma June 2023

- GPA: 3.97/4.0
- 11 AP Courses
- AP Computer Science Principles, AP Computer Science A, Advanced CS topics/projects, Cybersecurity

## Experience

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**Back End Software Engineer Intern** August 2023 - November 2023  
Mentee | Remote

- Assisted in engineering software that integrated data using APIs from Typeform/SurveyMonkey of college mentors and mentees into **AmazonDynamo Database**. Also worked on connecting such mentors and mentees by pairing data that had matching preferences like availability and areas of interest.
- Utilized business software called **Zapier** for enhanced integration.
- Gained experience in a startup business environment, expanded knowledge in **Java** and **AWS**

**Student Tutor** August 2020- June 2022  
PeerGuide | Issaquah, WA

- Tutored financially underprivileged kids through a non-profit organization known as PeerGuide. Taught subjects varying from math topics to **coding**. Heightened understanding in such subjects and developed a passion to **teach/learn** computer science.

## Projects

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- Created **FinGPT models** to analyze and predict stock prices of Fortune 500 companies based on the volume of other stock
  - Python based machine learning, utilized Yahoo finance API
- Worked on developing AI customer service bot assisting AirBnb hosts in Japan remotely manage their rentals

## SKILLS

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Java, Python, C and Assembly | Elementary Proficiency in Japanese | Team-Building, Leadership, Networking, and Adaptability