Jay Dharmadhikari

(425) 588 - 9171   me@jaydharmadhikari.com

EDUCATION

University of Washington (Seattle, WA**)**

Bachelor's of Science in Computer Science   **Sept 2022 - June 2025**

- **Current GPA:** 4.0
- **Expected Graduation**: June 2025

Bachelor's of Science in Economics - Double Degree Program   **Sept 2022 - June 2025**

- **Current GPA:** 4.0
- **Expected Graduation**: June 2025

High School Diploma - June 2022 - **GPA: 4.0 | SAT: 1600/1600**

EXPERIENCE

Software Engineer Intern, *Cartogram Inc.*   **June 2021 - August 2021**
- Migrated iOS enterprise SDK from Objective-C to Swift infrastructure
- Built 20+ app modules for client-side SDK in Swift including UI components and custom data structures
- Worked with senior software engineer team to preserve functionality and meet migration goals
- Modules were deployed to clients such as St. Jude's Children's Hospital and Confluence Health

Web Development, *TeamsCode*   **November 2020 - May 2021**
- Built web application for programming competition serving 1000+ participants
- Built complete new website for TeamsCode using React + Node + JS stack
- Built React components and web modules for registration, awards tabulation, email lists etc.
- Used Illustrator and Figma to prototype and design wireframes for presentation to executive team

PROJECTS

Full Stack Windows Application, *Attendance Tracker*   **February 2022 - January 2022**
- Freelance project allowing organizations and clubs with meetings to track attendance and visualize attendance data
- Built Windows EXEcutable Application using Python and C wrapper libraries for entering attendance data with custom parameters and UI
- Used Google Drive Storage API for database entry and Google Sheets API to visualize attendance data

Stock Analysis Algorithm, *Stochastic Oscillator*   **June 2022 - July 2022**
- Wrote stock analysis algorithm based on Stochastic Oscillator and Moving Average principles
- Algo composed in Java and backtested off QuantConnect data
- Beat S&P indexed returns for 30-year, 10-year, and 1-year periods

TECHNICAL SKILLS

Languages & Skills: Java, C, Python, JavaScript/TypeScript (CSS + HTML)

Tools and Frameworks: Git, Node.js, React,

Knowledge & Concepts: Object-Oriented Programming, Data Structures and Algorithms, Agile Project Management, Scrum,

Currently Learning: Data Processing (Spark/Hadoop), Container Deployment (Kubernetes)