Krisna Oeurn

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EDUCATION

University of Washington   **Graduated: August 2024**
B.S. Computer Science and Software Engineering
- GPA: 3.5

TECHNICAL SKILLS

Languages: C++, Java, HTML, CSS, Javascript, SQL
Frameworks: Node.js, TailwindCSS
Libraries: React
Tools: Git, Figma, AWS, Azure

PROJECTS

School Connectivity Web App   **August 2024**
- Led a team of 3 to reverse-engineer the University of Washington Bothell club platform, **UWB Presence.**
- Added features to allow users to create, delete, and engage with clubs and organizations more intuitively.
- Built using **React**, **TailwindCSS**, **Javascript** for the front-end, **Node.js**, and **Express** for the back-end.
- Employed **Supabase** for database management and user authentication.

Data Management Web App   **March 2024**
- Deployed a web application using **Python/Flask** hosted on **Azure** that has an SLA of 99.84% availability.
- Used **NoSQL CosmosDB** and **Blob Storage** for data storage.
- Implemented functions to **load**, **clear**, and **query** data, allowing users to search and load hundreds of database entries.

API Weather App   **February 2024**
- Built a command-line application written in **Java** that connects multiple RESTful APIs to provide real-time weather data and geographical information.
- Implemented robust error handling and retry logic with exponential back-off

Online Book Scraper   **January 2024**
- Developed a **Python** application for real-time data retrieval utilizing **Selenium** for browser automation. Implemented robust web scraping to parse **HTML** and retrieve links to the web page's latest book and chapter contents.
- Utilized **MongoDB** to store parsed data from the scraper as JSON files containing book content.
- Pushes notifications to users when a book is updated using the **Discord API** and **discord.py** library.

WORK EXPERIENCE

Braganza Tea   **October 2021 – October 2023**
Crew member   *Lynnwood, WA*
- Worked in a fast-paced, high-pressure environment, demonstrating strong teamwork and communication skills.
- Mentored new hires on efficiently using the point of sales system and taught them how to make drinks.
- Efficiently communicated daily with hundreds of people with a focus on customer satisfaction.