Tristan Santor

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Education

University of Washington Bothell   **Bothell, WA**
BS Computer Science and Software Engineering   *June 2026*
Deans List Winter and Spring 2023   **3.73 GPA**
Relevant Coursework:
Data Structures and Algorithms, Programming 1 & 2, Technical Writing, Software Engineering

Projects

AI-Powered Flashcard App

- Collaborated with 2 others to build and deploy a **SaaS** product that generates dynamic flashcards based on any topic using **Groq AI**.
- Enhanced user experience with responsive design using **Next.js** and **Material UI.**
- Integrated a paywall and customized pricing plans using **Stripe API**

RateMyProfessor AI Assistant

- Collaborated with a team of 3 to create an interactive chatbot using Next.js and integrated a RAG pipeline with **OpenRouter** and **Pinecone.**
- Leveraged web scraping utilizing **Puppeteer** to extract data from RateMyProfessor's database and provide relevant responses.
- Enabled real-time data extraction and processing for accurate and timely information.

Poll Bot Discord App

- Provided features such as creating a question you want to ask and emojis representing each option
- Back end processes handling user requests through **Python.**

Leadership and Experience

Software Engineering Fellow   **Remote**
                                                                                                                              Jul 2024-present
- Building 5+ Al apps and APIs using **NextJS, OpenAI, Pinecone, StripeAPI** with 98% accuracy
- Developed projects from design to deployment working with **2+** engineering fellows using MVC design patterns

FASA SA UWB   **Bothell, WA**
Activities Chair   *Sep 2023-Jun 2024*
- Contributed and led strategic planning for events involving **100+ attendees**
- Organized activities for culture club during general meetings bi-weekly for general members.

Fizz App Startup
                                                                                                                              Feb 2024-Feb 2024
- Promoted the application Fizz focusing student discussions onboarding **250+** users
- Engaged with students to communicate the app's goals and gather feedback on how to improve the social experience at the University of Washington Bothell campus.

Technical Skills

Programming Languages: Java, C++, Javascript, Python, React
Soft Skills: Work Balance, Strong Communication, Team development, Self Reflection/ Growth