

# Tristan Santor

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## Education

### University of Washington Bothell

BS Computer Science and Software Engineering

Deans List Winter and Spring 2023

Relevant Coursework:

Data Structures and Algorithms, Programming 1 & 2, Technical Writing, Software Engineering

Bothell, WA

June 2026

3.73 GPA

## 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 payroll and customized pricing plans using **Stripe API**

### RateMyProfessor AI Assistant | <https://rag-rmp-assistant-main.vercel.app/>

- 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+ AI 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