

Yuta Banishky

yutabanishky@gmail.com

425-321-7715

github.com/YutaB123

yutabanishky.com

Informatics student on the Data Science track at the University of Washington, building and shipping full-stack, AI-integrated applications from idea to production

Relevant Experience

Founder & Instructor · **Bellevue Coding** Jan 2025 – Jun 2025

- Founded and taught a free weekly Python program for children ages 8–14 at the Bellevue Library, designing all curriculum, lesson plans, and practice exercises from scratch in Python, VS Code, and Scratch.
- Grew enrollment from 3 to 7 students per session through consistent, hands-on weekly instruction and informal office hours tailored to each student's pace.

Peer Tutor, Coding & Computer Science · **Bellevue High School** Sep 2023 – Jun 2025

- Tutored classmates one-on-one in introductory coding and computer science coursework, breaking down programming concepts to fit each student's learning pace.

Founder & Organizer · **Wilburton Soccer** Mar 2024 – Aug 2024

- Founded and operated a youth soccer training program running practices three times weekly, with a paid membership and per-session pricing model and self-run marketing.
- Grew participation from 2 to 8+ players per session through self-directed community outreach.

Shift Manager · **Mochinut, Bellevue, WA** Mar 2024 – May 2025

- Managed shift operations for a 5-person team at a high-traffic mall location serving roughly 300 customers daily, owning all closing duties and register reconciliation.
- Drove a 5–10% increase in shift sales through upselling and operational efficiency.

Leadership & Community

Team Captain & Head Student Coach · **Special Olympics Unified**

Champion Schools Nov 2023 – May 2025

- Coached and mentored teammates with intellectual and developmental disabilities, adapting communication style and drill structure to each athlete's individual needs.

Volunteer Data Analyst · **University Food Bank** Jan 2026 – Present

- Analyze food bank distribution data to identify high-demand items and inform restocking decisions.
- Support inventory management for a food bank serving students and community members experiencing food insecurity, including unhoused individuals.

Skills

Programming Languages

Python, JavaScript, R, SQL

Frameworks & Libraries

Next.js, Node.js, Express, Socket.IO, pandas, Matplotlib, Gradio

AI & APIs

Anthropic Claude API, OpenAI API, Twilio, LLM application development

Tools & Platforms

Microsoft Azure, Vercel, Railway, Render, Git, GitHub, VS Code, Claude Code

Selected Projects

Canvas SMS Study Assistant

SMS study assistant that texts AI-generated flashcards and tracks Canvas deadlines. Bring-your-own-token design keeps it free to run at scale. Built with Next.js, Twilio, and the Claude API.

AI CSV Data Analyzer

Upload a CSV, ask questions in plain English, get auto-generated charts back. Three-stage agent pipeline keeps raw data on-device for privacy. Built with Python, Gradio, and OpenAI GPT-4o-mini.

Real-Time Multiplayer Chess

Real-time multiplayer chess with shareable room codes and live rematches. Server-authoritative validation guarantees fair play. Built with Node.js, Socket.IO, and chess.js.

Education

University of Washington

B.S. in Informatics, Data Science Track — Expected June 2029 Coursework: CSE 163, STAT 311, INFO 200

Activities

Project Lead, UW Data Science Club Member, UW Club Soccer Team Member, UW Debate