Benjamin Z. Antonow

benantonow@gmail.com | anto.now | linkedin.com/in/benantonow | github.com/bantonow | Palo Alto, CA

Education

University of Michigan Ann Arbor, MI

Bachelor of Science in Computer Science, LSA Honors *May 2026*

Courses: Operating Systems, Distributed Systems, Data Structures & Algorithms, Web Systems, Data Manipulation, Machine Learning, Computer Architecture, Discrete Math, Theory of Computation, Linear Algebra, Computer Security

Experience

Community Coordinator - Codex Lab March 2026 – May 2026

OpenAI *Remote, Contract*

- Built and led Codex Lab, a community of technical students building and learning with Codex
- Wrote and executed a recruiting playbook to gather 25 of the top CS students in North America
- Developed and presented weekly curriculum, documented student projects, and externalized stories

Software Engineer Intern May 2025 – August 2025

Color Health *Burlingame, CA*

- Led development of Color's AI eval platform, creating modular abstractions that cut pipeline setup time by 70%
- Worked with clinicians to compile synthetic datasets and design experiments to asses the accuracy, reliability, and alignment of LLM outputs for clinical cancer care
- Presented company-wide talk on best practices for building scalable evaluation pipelines for AI clinical tools
- Selected for the 8VC Fellowship, a competitive program placing engineering students in 8VC portfolio companies

Teaching Assistant, EECS 280: Programming and Data Structures August 2024 – Present

University of Michigan *Ann Arbor, MI*

- Taught a weekly two-hour lab of 35 students to reinforce lecture concepts and provide hands-on programming help
- Provided instruction during office hours, guiding students through debugging C++ code, resolving technical issues, and clarifying course concepts
- Collaborated with faculty to develop exam problems and improve course for hundreds of enrolled students

Operations & Technical Intern May 2024 – August 2024

JupyterHealth - UC Berkeley College of Computing, Data Science, and Society *Berkeley, CA*

- Designed and developed website for an open-source health tech initiative within Project Jupyter, building enterprise data science software and data pipelines for wearables
- Defined user requirements with healthcare professionals and technical teams, ensuring product was HIPAA compliant and features aligned with patient and provider needs
- Refined open-source software documentation, improving for both technical teams and external stakeholders

Freelance Software Developer May 2024 – November 2024

Focus For Democracy *Remote*

- Automated key organizational processes based on organizational needs, resulting in a 60% improvement in efficiency invoicing $40M+ in small donations pledged through Zoom webinars

Projects

Thread Library | *C++, Multi-Threading, Mutexes, Conditional Variables, Semaphores, Unix*

- Built a kernel-level C++ thread library in Unix with support for 80+ CPUs, handling thread management, context switching, interrupts, and scheduling, along with mutexes, spin-locks, and condition variables for synchronization

Multithreaded Network Fileserver | *C++ , Boost Library, Threads, Sockets*

- Built a crash-consistent, multithreaded network fileserver supporting multiple users and nested directories, using committing writes, Boost threads, reader-writer locks, and POSIX sockets

Oreen *OpenAI platform*

- A fine-tuned AI diagram generation tool for teaching and learning with ChatGPT

Skills & Interests

Languages: Python, C/C++, JavaScript, Go, HTML/CSS, Assembly (RISC-V)
Frameworks: Flask, React, React Native, pandas, Next.js
Interests: Diffusion, AI/ML, HCI, Health & Wellness, Yoga, Art history, Escape rooms, Guitar, Crossword puzzles