Benjamin Thai

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EDUCATION

University of California, Irvine | Irvine, CA **Expected June 2028**

B.S. in Computer Science, Minors in Statistics

- **Courses:** Data Structures & Algorithms, Software Engineering, Artificial Intelligence, Information Retrieval

TECHNICAL SKILLS

Languages: C/C++, Python, Java, SQL, HTML/CSS, Javascript
Cybersecurity & Networking: Kali Linux, Nmap, Burp Suite, SQLMap, Sysmon, VirtualBox
Data & Development Tools: Git, Supabase, Vercel, Pandas, NumPy, Matplotlib

RELEVANT EXPERIENCE

NetSiege Cyber Security Competition - Cyber @ UCI | Irvine, CA **Jan. 2025 - Mar. 2025**

Participant

- Scanned a 9-machine target network using Nmap and enum4linux to map out open ports, hidden SMB shares, and potential entry points.
- Successfully exploited over 20+ (including SQLi, XSS, and Command Injection) using Burp Suite and SQLMap to bypass logins and gain access.

PROJECTS

Cypress Scheduler | Full-Stack Developer **Mar. 2025-Present**

Tech Stack: Next.js, React, TypeScript, Leaflet.js, Tailwind CSS, Prisma

- Built a full-stack course scheduling app for Cypress College's 15,000+ students, handling real-time search and filtering for over 1,500 class sections per semester.
- Integrated a custom Leaflet.js campus map covering 34 buildings, dynamic class markers, and direct deep-linking to Google Maps for exact walking directions.
- Designed state-management allowing users to build and swap between 10+ potential schedules simultaneously, with automated time-conflict warnings and 0ms latency undo/redo.
- Created 1-click export tools that let users download their weekly plans as .PNG images or generate .ICS files to sync 100% of their classes straight to Apple or Google Calendar.

WORK EXPERIENCE

UCI Office of Information Technology | Irvine, CA **Mar. 2025 - Present**

IT Monitor

- Monitored campus network health and IT services for 36,000+ UCI students and faculty, identifying potential outages early to minimize downtime.
- Diagnosed incoming technical issues and escalated an average of 5 detailed support tickets per shift to specialized engineering teams, following up to make sure they were fixed.

Mathnasium | Cerritos, CA **Aug. 2024 - Present**

Math Tutor

- Delivered tailored math instruction to 30+ K-12 students per week in a high-volume environment, consistently improving assessment scores and reinforcing long-term retention.