

Isabella Chang

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CS @ Michigan | Aspiring Technical Product & Engineering Leader

Education

University of Michigan

B.S. Computer Science (GPA 3.4/4.0)

• **Relevant Coursework:** Data Structures & Algorithms, Data Privacy, Web Systems, Human-Centered Design & Development

Ann Arbor, MI

Jan. 2025 – Dec. 2026

Work Experience

Software Engineering & Product Intern

Tenant Exchange

- Engineered Python scraping pipelines that aggregated 400+ CollegePads listings and 232 addresses across 10 Ann Arbor rental companies, overcoming anti-bot protection and dynamic pagination.
- Shipped production scraping code to GitHub for a live rental search platform, establishing cross-functional task ownership and leading biweekly status calls to track delivery.
- Coordinated product timelines and stakeholder sessions with the CEO and third-party partners, using structured agendas and email recaps to maintain alignment.

Jan. 2026 – Aug. 2026

Ann Arbor, MI

Project Manager Intern

University of Michigan Health ITS

- Proposed and built a custom AI risk-data scraper after backend API access stalled, earning Director of ERM approval and recovering the project timeline.
- Automated hyperlink audits across 100+ links in two 60-page project playbooks using Python (PyMuPDF, httpx), reducing a ~7-hour manual review to a 10-second scan.
- Authored 3 project charters (scope, milestones, SMART goals) and pitched the kickoff deck to the executive sponsor at ITS Professional Development.
- Led weekly standups for a 5-person team, assigning tasks in Jira/TDX and tracking project risks in ServiceNow to maintain delivery milestones.

May 2026 – Aug. 2026

Ann Arbor, MI

Research Experience

Generative AI & Information Seeking Research Assistant

University of Michigan School of Information

- Analyzed 1,005 AI-child conversation logs from 52 participants using Python (TF-IDF, cosine similarity) to identify patterns informing child-safe AI design.
- Directed project planning for a longitudinal NLP study on AI-child interaction, coordinating biweekly research meetings and stakeholder communication.
- Presented findings to 1,500+ attendees at the U-M UROP Research Symposium, translating technical NLP outcomes for a cross-disciplinary audience.

Aug. 2025 – May 2026

Ann Arbor, MI

Project Experience

Product Manager | MEPA – Medication & Health Event Prediction Assistant

- Recruited and led a 4-person cross-functional team to design an AI-powered health app for elderly users and caregivers, defining product vision and MVP scope.
- Authored accessibility-first PRDs featuring high-contrast UI, voice-to-text input, caregiver dashboards, and AI-driven alert cards.

May 2026 – July 2026

Leadership Experience

ITS Tech Consultant Manager

University of Michigan (promoted from Consultant II)

- Manage daily operations for 500+ daily-user sites across 3 campus locations as primary escalation point for ITS leadership.
- Onboard and train consultants, and administer device imaging, configuration, and ticket documentation for 200+ support requests.

Jan. 2025 – Present

Ann Arbor, MI

Activities Chair

F.E.M.M.E.S. (Females Excelling More in Math, Engineering, & Science)

- Coordinate stakeholder outreach with UM faculty and student organizations to source STEM activity hosts for 200+ K-12 participants.

May 2026 – Present

Ann Arbor, MI

Technical Skills

Languages/Tools: Python (pandas, NumPy, BeautifulSoup, Selenium), C++, Java, SQL, HTML/CSS, Git, Figma, Notion, Jira, ServiceNow, Microsoft Project, MS Office Suite

AI Tools: Claude, ChatGPT, Gemini, Cursor, DeepSeek, Perplexity

Product Skills: PRD authoring, roadmap prioritization, user story mapping, sprint planning, agile/scrum, A/B testing, stakeholder management, cross-functional coordination, executive communication

Interests

Traveled to 30+ countries, nationally competitive table tennis and pickleball player, summited Mt. Fuji