Ethan McIntyre

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EDUCATION

University of Michigan — Ann Arbor, MI
Bachelor of Science in Computer Science, Minor in Business Administration — *Aug 2022 – May 2026*
- GPA: 3.534/4.000
- Relevant Courses: EECS 281 (Data Structures & Algorithms), EECS 370 (Computer Organization), EECS 376 (Foundations of CS), EECS 481 (Software Engineering), EECS 485 (Web Systems), EECS 492 (AI & ML)

Universidad de Alicante — Alicante, Spain
Spanish Study Abroad — *May, 2024 – June, 2024*
- Engaged in 5-hour instructional days, 4 days a week, conducted entirely in Spanish, leading to significant improvement in writing, reading, and grammar abilities
- Undertook 4 school-sponsored educational treks to Valencia, Granada, Guadalest, and Palma, gaining in-depth knowledge and appreciation for regional histories and cultures

EXPERIENCE

Data Analyst — Jan. 2025 – Present
Detroit Neighborhood Entrepreneurs Project — *Ann Arbor, MI*
- Designed and implemented a scalable CRM in Airtable for 1,300 business clients across Michigan, migrating 100+ legacy records from paper, Google Forms, and Excel into a centralized source of truth
- Built client pipeline workflows to help managers track business progress toward funding from local organizations like ProsperUs, improving coordination between accounting consultants, tech consultants, and professors
- Developed a Flask backend integrated with Airtable automations—sending templated next-step emails to intake clients and allowing staff to log meetings and trigger systematic referral alerts to program managers
- Scripted Python tools to extract key metrics for grant reporting, including percentage of black- and women-owned businesses served, average consultations per client, and financial document output per accounting session

Front-End Developer — June 2024 – Aug 2024
Streetmeet Inc. — *Ann Arbor, MI*
- Developed features for a full-stack mobile app using React Native, MongoDB, Kotlin, Swift, and Rust
- Enhanced skills in pair programming, code reviews, Git source control, and collaboration with designers via Figma, while meeting regularly with a project manager, learning how to work efficiently as part of a cross-functional team
- Took initiative with incorporation, delegation, and applications for legal services and startup funds like Y Combinator and Spark, securing essential resources, funding, and business learning opportunities

Clerk — Jan. 2023 – May 2024
Ross School of Business — *Ann Arbor, MI*
- Managed 2 front desks office suites, fielded questions and facilitated interactions between students and faculty
- Assisted event preparation through outreach and research to support masters program promotion
- Organized and distributed hundreds of acceptance letters and merchandise for 15 Ross graduate programs

PROJECTS & AWARDS

Developer Portfolio | *TypeScript, React (Router, Redux), Node.js, MongoDB, Amazon S3, Framer Motion*
- Built a full-stack hub for my projects integrating dynamic posts, animations, and responsive UI for web and mobile
- Implemented complex forms to allow for creating and editing posts with essays, images, links, and videos
- Incorporated best practices for responsive websites with flexbox, delivering a smooth cross-device experience

SongChaser (MHacks Hackathon Winner) | *Python, TypeScript, Flask, Node.js, MongoDB, React* — Sep. 2024
- Awarded "Intel - 3rd Place Best Use of Intel AI" out of 132 projects, winning $1,500 and 3 Intel GPUs
- Gamified the project allowing users to authenticate with Spotify and compete against each other in real-time
- Used Flask to host the A* and the KNN algorithms manually trained on 10,000 songs using Intel's AI PC

SKILLS

Languages: JavaScript/TypeScript, C/C++, Python
Frameworks: React, Next.js, React Native, Node.js, Express.js, Flask, MongoDB, Firebase, Airtable, Trello
Developer Tools: Git/GitHub, Expo/EAS, Google Console, Apple Developer, TestFlight
Miscellaneous: Working proficiency in Spanish, hobbies involve skydiving, ballroom dance, and guitar/piano