

Ethan Hough

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[LinkedIn](#) | [Github](#) | [Blog](#)

SOFTWARE ENGINEER

Recent graduate experienced in Python with Flask, React, and JavaScript-based programming, with a background in mortgage and financial risk analysis. Adept at problem-solving, team collaboration, and delivering real-time solutions in fast-paced, high-pressure environments. Familiar with Agile and Scrum methodologies, with a collaborative spirit and desire to understand complex systems. Seeking a full-time developer role, where I can leverage my business acumen and technical expertise to collaborate and contribute effectively on a team.

PROJECTS

OSFG Mortgage App: [Github](#) | [Demo](#)

Technology Stack: React, Tailwind CSS, Node.js, Python, SQLAlchemy

A full-stack application designed for third-party brokers to improve communication and transparency during the mortgage process.

Subscription Box Marketplace: [Github](#) | [Demo](#)

Technology Stack: Python, FLASK, RESTful API, React, Tailwind CSS

A subscription-based e-commerce app. Users browse and sign up for subscription boxes. Users can also sign up as a vendor and list their boxes for sale.

Job Application App: [Github](#) | [Demo](#)

Technology Stack: React, Python, Tailwind CSS, Shadcn UI, FLASK, RESTful API, Node.js, Vite, SQLAlchemy, react-table, d3-sankey

A full-stack application that allows users to track and visualize data gathered from their job hunt.

TECHNICAL SKILLS

Languages: Python, Flask, React, JavaScript, SQLAlchemy, HTML, CSS

Technologies and Frameworks: GitHub, VSCode, Node.js, Vite, Tailwind, Next.js, RESTful APIs, Chart.js, Beautiful Soup, Semantic UI, Shadcn UI

Exposure to: TypeScript, Tableau

EXPERIENCE

Project Manager | General Motors: 10/2022 - 12/2023

- Successfully managed multiple projects within a large network, improving efficiency and establishing uniform procedures.
- Collaborated with technology teams to enhance proprietary systems and processes, contributing to increased productivity.
- Implemented Diversity, Equity, and Inclusion programs, fostering an inclusive company culture and boosting employee engagement.
- Acted as a subject matter expert and primary contact for B2B accounts, demonstrating deep knowledge of industry practices and requirements.

Senior Underwriter | Mortgage and FinTech Industry: 06/2016 - 10/2022

- Evaluated and enhanced underwriting policies, overseeing the lifecycle of new products to ensure compliance and efficiency.
- Worked closely with UX Designers, Engineers, and Technology teams to implement new proprietary underwriting technology, optimizing workflow and user experience.
- Analyzed credit risk and underwriting policies under limited supervision, making critical credit decisions and mitigating financial risk.
- Reviewed and audited loan application packages for financial fraud, maintaining a high level of attention to detail and accuracy.
- Led initiatives to improve underwriting efficiency, customer satisfaction, and team performance, driving continuous improvement efforts.
- Acted as a subject matter expert, providing guidance, training, and fostering cross-functional collaboration to achieve business objectives.

EDUCATION

Full Stack Software Engineering Bootcamp: 12/2023 - 04/2024

Flatiron School, New York, NY

Bachelor of Science, Political Science, Philosophy: 04/2016

Western Michigan University, Kalamazoo, MI