Ethan Price

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EDUCATION

University of Maryland College Park, MD

Bachelor of Science in Computer Science *June 2026* | **GPA: 3.57**

- Relevant Coursework: Data Structures & Algorithms, Organization of Programming Languages, Object-Oriented Programming I & II, Computer Systems

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, C, C++, Java, SQL (PostgreSQL), NoSQL, OCaml
Web Development: React, Node.js, Express.js, Flask, HTML/CSS, Tailwind CSS
CS Concepts: Data Structures & Algorithms, Object-Oriented Design, API Development
Developer Tools: Git, VS Code, Postman, Axios, Linux Command Line

PROJECTS AND FREELANCE WORK

Behaviorist | *TypeScript, ExpressJS, React Native, PostgreSQL* December 2024 – Present

- Behaviorist is a full-stack cross-platform mobile application enabling users to track habits using behaviorist principles and foster positive change.
- Designed and developed a full-stack mobile application implementing RESTful API architecture with Node.js (Express.js) and PostgreSQL.
- Implemented secure authentication and session management using JWT tokens.
- Utilized React Native & TypeScript for a performant cross-platform UI.

Stretch With Donna (Freelance) | *React, TypeScript, Tailwind CSS* January 2025

- Developed and deployed a fully responsive, SEO-friendly business website using React, TypeScript, and Tailwind CSS.
- Implemented CI/CD and hosting on Vercel for fast and reliable deployment.
- Collaborated directly with the client to gather requirements, iterate on design, and implement features such as a contact form.
- Live at: **stretchwithdonna.com**

Guitar Chord Analyzer | *JavaScript, Python, React, Flask* July 2024 – August 2024

- The Chord Analyzer is an interactive web app that identifies and visualizes guitar chords to assist users in learning guitar.
- Developed a full-stack web application that uses Flask (Python) for backend processing and React.js for the frontend.
- Built an algorithm in Python to analyze and classify guitar chords, using data structures for efficient note-matching.
- Developed an interactive SVG-based UI for real-time chord diagram rendering.
- Live at: **https://guitarchordanalyzer-lq9h.onrender.com/**

EXPERIENCE

Software Engineer Intern June 2025 – Present

Xometry *Bethesda, MD*

- Built and maintained core front-end features in React and supporting back-end services in Python, enabling the Partner Experience team to ship 5 new staff-facing enhancements.
- Performed data migrations in PostgreSQL to ensure data integrity across environments.
- Completed a cross-functional migration of our entire feature-flagging system from Split to Statsig.
- Enabled self-service functionality on staff dashboards including configurable controls and one-click action buttons, reducing manual requests by 30 requests per week.

Substitute Teacher February 2025 – Present

Montgomery County Public Schools *Rockville, Maryland*

- Provided classroom instruction & managed student behavior per MCPS lesson plans.
- Collaborated with administrators and support staff to adapt lessons on the fly.