

Ethan Price

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EDUCATION

University of Maryland

College Park, MD

Bachelor of Science in Computer Science

GPA: 3.57 | *December 2026*

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

TECHNICAL SKILLS

- **Languages and Databases:** JavaScript, TypeScript, Python, C, C++, Java, SQL (PostgreSQL), MongoDB, 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

EXPERIENCE

Software Engineer Intern

June 2025 – Present

Xometry – Global AI-driven manufacturing marketplace connecting buyers with suppliers

Bethesda, MD

- Developed and shipped 10+ staff-facing features using React (frontend) and Python (backend), improving Partner Experience workflows.
- Performed PostgreSQL data migrations to maintain data integrity across production and staging environments.
- Led migration of feature-flagging system from Split to Statsig, enabling faster experimentation and safer rollouts.
- Built self-service dashboard tools with configurable controls and one-click actions, reducing manual staff requests by 30+ 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.

PROJECTS AND FREELANCE WORK

Behaviorist | *TypeScript, ExpressJS, React Native, PostgreSQL*

December 2024 – Present

- Built a cross-platform habit tracking app with Express.js + PostgreSQL backend and React Native frontend.
- Implemented JWT-based authentication and secure session management for user accounts.
- Designed mobile-first UI in React Native + TypeScript for responsive and performant interaction.
- Implemented RESTful API architecture supporting real-time habit logging and progress tracking.

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/>