Rebecca Flach

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Education

Olin College of Engineering, Needham MA   **May 2026**
Bachelor of Science, Engineering with Computing

Current Coursework: Modelling and Simulation, Quantitative Engineering Analysis (Physics, Robotics, Foundational Math), Design Nature

University High School, Tucson AZ   **June 2022**

Skills

Web Development: HTML/JS/CSS, React, Vue, Express, MongoDB
Other Coding: Python, Java, Matlab

Experience

MREN, Remote/San Diego
Web Development Intern   **Dec 2020-Aug 2021**
- Interned at a productivity software startup, working mostly with React
- Worked on full features independently and made substantial contributions to the codebase

US Chess Center, Friends of the KBC Library, Tucson CWRT, Remote
Technology Management Volunteer
- Volunteered at nonprofits to help them modernize and continue outreach during the pandemic
- Set up Wordpress websites and taught the organizations how to maintain them
- Helped with social media setup, mailing list management, and member databases

Independent projects
- Built a personal use app to interface with my school's student information system using React Native, Node, and Express.js
- Used d3.js to create data visualizations raising awareness of delayed COVID reporting
- Built smaller hobby projects, including a Rubik's Cube timer (Vue.js) and live video effects for juggling (Processing/p5.js)

Activities

- Mock Trial Debate Club   **Fall 2018-Winter 2021**
- Online volunteer tutoring   **Fall 2020-Fall 2021**
- Track & Field, Cross Country   **Fall 2019-Fall 2020**
- MIT Online Science, Technology, and Engineering Community   **Summer 2021**