

# Richard Li

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## PROFILE

College engineering student interested in software development and looking for learning opportunities!

**PERSONAL WEBSITE:** <https://richardli03.github.io/Personal-Site/>

Coded a personal website using HTML, CSS, JavaScript, and Bootstrap. On this website you'll learn a lot about the non-software developer me. I'm excited to meet you!

## EDUCATION

### Olin College of Engineering [Needham, MA]

May 2025

- BS Engineering: Computing
- Relevant Coursework: Software Design, Quantitative Engineering Analysis, Modeling and Simulation of the Physical World

### Troy High School [Troy, MI]

June 2020

- National Merit Scholarship Finalist and National Honor Society member
- Marching Band Clarinet Squad and Section Leader

GPA: 4.17      ACT: 36      SAT: 1550

## EXPERIENCE

### Olin Electric Motorsports — Telemetry: Real-Time Data Visualization

Sept 2021 - Present

[https://github.com/richardli03/formula\\_personal.git](https://github.com/richardli03/formula_personal.git)

Using Python and Docker, created software stack to parse data taken off of an electric vehicle in motion and visualize it in a more accessible way to assist in team-to-driver communication during a race.

### OCCaM Lab — Visual Alignment with ARGeoAnchor

Sept 2021 - Present

Using Swift and ARKit to combine outdoor AR-based navigation with route recording to ensure positional accuracy in navigation app for the visually-impaired.

## SOFTWARE PROJECTS

### Zao: Interactive Terminal Assistant!

Dec 2021 - Jan 2022

<https://github.com/richardli03/Zao>

Used Python and Bash to write a package containing scripts that would greet the user upon opening the terminal and, tell the user the weather, and allow the user to add/finish tasks from a todo list.

### You Me: Story Album and Website!

Jan 2021 - Aug 2021

<https://richardli03.github.io/You-Me/>

Used HTML, CSS, and Javascript to code a website featuring a story to accompany an album of 9 songs written from scratch in Logic Pro X.

## SKILLS

- Experienced with Python, HTML, CSS, and JS.
- Fluent in Mandarin Chinese and professional fluency in French.
- Plays piano, clarinet, and ukulele, writes music with Logic Pro X and other Digital Audio Workstations