

# Max Podell

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37 Caperton Avenue, Piedmont, CA, 94611

## EDUCATION

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### Pomona College

Claremont, CA

Bachelor's Degree in Computer Science, *cum laude*

May 2024

- **GPA:** 3.95 | Pomona College Scholar (Top 25% of class)
- **Relevant Courses:** Algorithms, Data Structures, Artificial Neural Networks and Deep Learning, Computational Analysis of Big Data, Linear Algebra, Foundations of Data Science, Computer Systems, Computer Graphics, Intro to Languages and Theory, Web Development

## SKILLS

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- Python, TypeScript, Javascript, HTML/CSS, Java, R, SQL
- React.js, Next.js, GitHub, GitLab, Figma, Splunk, Sentry, Contentful, Jira, GraphQL, CI/CD, Firebase

## EXPERIENCE

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### Pomona College Computer Science Department

Claremont, CA

Teacher's Assistant for CS140: Algorithms

January 2024 - May 2024

- Supported ~60 students in learning algorithms concepts in small-group settings; graded assignments.
- Held weekly mentor sessions for individual student discussion and group sessions for communal learning.

### lululemon athletica

Seattle, WA

Associate Software Engineering Intern

June 2023 - August 2023

- Front-end development with React.js and Next.js on a module federated, micro frontend codebase.
- Utilized essential tools and systems such as GitHub, GitLab, Jira, Sentry, Splunk, and Contentful.
- Wrote React components wrapped in AB tests and learned about CI/CD pipelines, analytics tagging, monitoring, and alerting practices.

### We Vote

Oakland, CA

Software Engineering Intern

June 2022 - August 2022

- Utilized React.js to develop frontend pages for WeVote's Chrome extension.
- Pioneered the use of React Hooks and made pull requests which were merged into the codebase.
- Troubleshoot API calls utilizing pgAdmin and simple SQL queries to examine resulting data thoroughly.

## PROJECTS

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### Event & Trip Sign-up Platform

May 2024 – Present

- Developing a TypeScript Next.js web application that allows students to view and sign up for various events and trips organized by the Pomona College Outdoor Education Center.
- Utilizing Firebase for backend services: App Hosting, Authentication, Storage, Firestore (NoSQL)
- Ensuring seamless user experience with responsive design and efficient data handling.

### DIY Web-GL Environment

Jan 2023 – May 2023

- Designed and developed a comprehensive WebGL 3D graphics engine, incorporating advanced features including point lighting, skybox rendering, shaders, specular highlights, textures, attributes, and immersive sound integration.