

Matthew Lee

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Education

University of California, Berkeley

Fall 2021 - Spring 2025

BA, Computer Science

- Awards: Regents' and Chancellor's Scholarship

San Marino High School

Fall 2017 - Spring 2021

- Coursework: AP Calculus BC, AP Computer Science A, AP Physics 1, Honors Humanities Seminar
- Activities: Titanium Robotics (Engineering President), Math Team (Captain), Science Team (Captain)
- GPA: 4.0 UW

Experience

Operational Director, Titan Dev

Jan 2020 - Present

- Instruct topics in website development and project ideation to around 15 high school peers
- Develop project-oriented lessons on HTML, CSS, and JS, collaborative workshops on tools like GitHub, and educational trips to events like Git Merge.
- Manage and teach programming classes for around 40 Pasadena area elementary school youth by emphasizing creation through games and animations on Scratch.

Research Intern, UC Santa Barbara

Jun 2020 - Aug 2020

- Conducted research on Examining Performance Factors of Multimodal EEG-Based Authentication with Yi Ding, a CS Ph.D. candidate, through the competitive Research Mentorship Program (RMP).
- Designed a convolutional neural network model for authentication systems based around the P300 wave event-related potential with PyTorch and Jupyter Notebooks.
- Compiled poster, presentation, and manuscript for RMP Program Symposium.

Program Director, TitanHacks

Oct 2019 - May 2020

- Organized 2-day virtual hackathon for 300+ high schoolers on April 11-12, 2020.
- Raised over \$8000 worth of sponsorships from 16 tech companies through emailing and cold calling.
- Promoted TitanHacks to ~250 schools by reaching out to principals and CS teachers, as well as creating social media ads. Built website to profile TitanHacks with Bootstrap and HTML.

Awards

American Invitational Mathematics Exam 4x Qualifier

Mar 2021

Congressional App Challenge Winner

Jan 2020

USA Computing Olympiad Silver

Jan 2018

Skills

- Languages: C, C++, Java, Python, JavaScript (React, Node.js), HTML/CSS/Sass, PHP, Bash
- Tools: MATLAB, Git, MongoDB, GitHub, Figma, Notion, LaTeX