

Jay Rajesh

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Education

California Polytechnic State University
Bachelors of Science, Computer Engineering

San Luis Obispo, CA
Expected Graduation Date: June 2028

Bellarmino College Preparatory

GPA (Unweighted): 3.9/4.0

SAT: 1570/1600

San Jose, CA
Graduation Date: May 2024

National Merit Scholar Semifinalist, Matteo Ricci Service Award, AP Scholar with Distinction, Varsity Track.

Personal Projects

Cal Poly College of Engineering
Undergraduate Research Intern

San Luis Obispo, CA
Sep 2024 - Present

- Undertook research project to apply Human Activity Recognition to CGM trackers to predict glucose levels.
- Working with Dr. Ria Kanjilal to analyze published datasets on Activity vs BGL level for predictive modeling.
- Began preliminary testing using Predicted Random Forest and LSTM models to accurately predict glucose levels.

WeClass

Co-Founder/CEO

San Jose, CA
Feb 2023 - Nov 2024

- Established an Edtech platform for struggling students that operated in 10+ Bay Area schools.
- Ideated product and assembled student led team of 3 full-stack developers.
- Worked minimally with integrating a scalable Node.js backend platform hosted on Amazon Lightsail, using MySQL for database management.
- Advertised through cold-email/TeachersPayTeachers, and pitched MVP to 15+ teachers.
- Organized development for new features based on teacher feedback.

Verge Financial Services
Co-Founder

Palo Alto, CA
May 2023 - Aug 2023

- Co-founded financial consolidation service for underprivileged families through personal budgeting, accounting, and investment management.
- Collaboratively built interface using React.js for basic front-end development.
- Qualitatively scored and emailed 250 leads, receiving 8 interests in beta product, and pitched to 3 investors.
- Personally began the usage of cold-email surveying to inform product development based on data insights.

Leadership & Activities

Kappitx - B2B Payment Automation
Software Intern

San Jose, CA
June 2022 - Aug 2022

- Used SaaS to help struggling contractors save \$5000 in lost revenue from missing payments.
- Cold called 23 leads and successfully worked with 6 local San Jose contractors.
- Set up websites for each contractor connecting Kapittx's payment service to their preexisting business.
- Used Squarespace for websites and added custom HTML/CSS to further customize interface.