

# Vincent Xayasak

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## EDUCATION

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### Santa Teresa High School

San Jose, CA

Aug. 2018 – Jun. 2022

### De Anza College

Bachelor of Science in Computer Science

Cupertino, CA

Jul. 2022 – Present

- GPA: 3.87

## EXPERIENCE

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### Mathematics Engineering Science Achievement

Aug. 2019 – Mar. 2022

*Santa Teresa High School*

*San Jose, CA*

- Communicate with team members on creating projects to compete with
- Math escape rooms
- Python hackathons

### FlexFactor

Aug. 2019 – Jan. 2020

*Santa Teresa High School*

*San Jose, CA*

- Study advanced manufacturing technology
- Demonstrate entrepreneurship, customer segmentation, and value creation
- Presented to the executives of NextFlex

### SciencePalooza

Aug. 2019 – Apr. 2022

*Santa Teresa High School*

*San Jose, CA*

- Study causes for global warming and pollution
- Presented projects to judges and audience
- First Place in Energy and Transportation category by creating a clean and reusable electromagnetic train

## PROJECTS

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### Personal Website | *HTML/CSS, JavaScript*

- Website with information about my experience, education, skills, and projects
- [vincentxayasak.com](https://vincentxayasak.com)

### Bay Area Rainfall Watershed Data Search | *Python*

- Search for up-to-date precipitation data from Bay Area rainfall watersheds
- Fetches and processes data from *Santa Clara Valley Surface Water Data API*
- Parse JSON response

### Color Game | *Python*

- Game where the player has to correctly answer as many colors shown before the time limit runs out
- GUI that displays game
- Saves high-scoring players in memory

## TECHNICAL SKILLS

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**Languages:** Java, Python, C/C++, JavaScript, HTML/CSS

**Frameworks:** Node.js, Bootstrap

**Developer Tools:** Git/Github, Google Cloud Platform, Visual Studio, PyCharm, Eclipse

**Libraries:** NumPy, Matplotlib, BeautifulSoup, pandas