

# Ritik Jalisatgi

Sunnyvale, California — [www.ritikj.com](http://www.ritikj.com) — [github.com/WarpRomo](https://github.com/WarpRomo) — [ritikjalisatgi@gmail.com](mailto:ritikjalisatgi@gmail.com)

## Skills & Interests

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**Expertise:** Machine Learning, Web Development, Math Algorithms est. 2024

**Frameworks:** Javascript, HTML, CSS, Node.JS, Python, PyTorch, C++, C#, Java, Git

**Interests:** Biking, Speedtyping, Cubing

## Creations

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[www.theiaproject.org](http://www.theiaproject.org)

*Helping blind individuals*

Created a physical device that helps blind individuals understand their environment through machine learning.

Benchmarked the device in-person on blind individuals.

[github.com/alexmehta/theia](https://github.com/alexmehta/theia)

[www.soromath.com](http://www.soromath.com)

*Mathematics training tool*

Created a highly customizable site for training mental arithmetic & mathematical skills.

Programmed custom training modes, difficulties, themes, and a personal stats system.

[github.com/WarpRomo/soromath](https://github.com/WarpRomo/soromath)

[www.projectclassy.live](http://www.projectclassy.live)

*School course review system*

Created a site to help students pick their future school courses through a review system similar to Amazon.

[github.com/WarpRomo/project-classy](https://github.com/WarpRomo/project-classy)

## Work Experience

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**Theia**

Sunnyvale, California

*Machine Learning Engineer*

Apr 2023 — Dec 2023

Won Northern California JSHS Engineering Category (1st), Silicon Valley Science Fair Category Award (1st), California State Science Fair (2nd)

**Project Empower**

Fremont, California

*Software Engineer*

May 2023 — Nov 2023

Created websites targeted at underprivileged children & students and donated revenue to charities

## Education

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**Fremont High School**, Sunnyvale, CA

Aug 2020 — July 2024

**Involvement:** Programming Club & Machine Learning Club President

**Relevant Coursework:** AP Computer Science, AP Statistics, Linear Algebra