

Kavin Subramanyam

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www.iamkavin.com

SUMMARY

I'm a full stack developer with a preference for backend and infrastructure level work. My other interests include math, theoretical computer science and physics.

EDUCATION

UCSC - Santa Cruz, CA September 2013 - June 2015, January 2017 - June 2019

B.S. in Computer Science, B.A. in Pure Mathematics

Highest Honors in Mathematics, Honors in Computer Science, Cum Laude, 3.7 GPA

Note: My GPA calculated from my post gap year coursework in isolation is a 3.9.

PROJECTS

Portfolio Website - www.iamkavin.com

Timeboxing App - kavinsub.github.io/timeboxing

Algorithm Visualizations - <https://kavinsub.github.io/algorithm-visualizations/>

EXPERIENCE

Tinfoil Security -- Software Engineering Intern -- July 2018 - September 2018

Tinfoil Security -- Software Engineer -- July 2019 - January 2020

Synopsys -- Software Engineer II -- February 2020 - current

- **GraphQL API Scanning:** Helped design a patent pending algorithm for scanning GraphQL APIs for security vulnerabilities.
- **Critical Test Automation:** Wrote a test framework and DSL in Ruby to automatically exercise the most critical pathways in each of our products and integrated it into our CI pipeline. Previously these tests needed to be performed manually and consumed a significant amount of engineering time.

SKILLS

Python | Elixir | Ruby | HTML | CSS | Javascript | C | Java

Vue.js | PostgreSQL | Docker | Phoenix | GraphQL

LINKS

Github - <https://github.com/KavinSub>

LinkedIn - <https://www.linkedin.com/in/kavinsub>

Project Euler - 126 problems solved - <https://projecteuler.net/profile/Kasubram.png>