

Agam Jolly

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EDUCATION

UC BERKELEY

BA IN COMPUTER SCIENCE
CS Scholars Program
May '22 (exp.)

MIT LAUNCHX

SUMMER PROGRAM
Full Ride Scholar
Entrepreneurship and VC

MAYOR WORLD SCHOOL

HIGH SCHOOL DIPLOMA
Head Boy '18
Valedictorian '18
GPA: 4.0/4.0

SKILLS

LANGUAGES

Java • Bash • Python • JavaScript
PHP • HTML • SQL • CSS

FRAMEWORKS

React • Node • jQuery • Vue •
Gatsby • Ionic • MongoDB •
Flask • iOS • Android

TECHNOLOGIES

Git • \LaTeX • AWS • Docker

LINKS

Github:// AgamJolly
LinkedIn:// AgamJolly

ORGANISATIONS

- CS Undergraduate Association
- CS Scholars @ UC Berkeley
- Google Developers Group
- New York Academy of Sciences
- Mensa India
- CultureBloom

EXPERIENCE

ELI SLEEP | FOUNDER & SOFTWARE ENGINEER

June 2018 | Chicago, IL

- Founded a tech startup that rectifies sleep disorders in children using a smart toy, sending feedback to parents on a cross-platform app made in **React Native**.
- Organised and debugged **over 3,000 lines** of code in **C** and developed scalable code to run on Arduino systems using **NodeBots**, deployed on **AWS**.
- Geared the company in line to get nearly **\$130k** in **seed funding** from investors.

SAMSON & CO. | SOFTWARE ENGINEERING INTERN

Jun 2017 | Birmingham, UK

- Developed a **Python**-based parser using **JQ** to fully structure raw **JSON** queries into a database management system (Microsoft Access).
- Used **jQuery** to work on a landing page for an intra-company channel.
- Configured **SPF** and **MX** records for encrypted private e-mails on a local **HTTPD Apache Linux** server over **SSH**.

STELLAR CORP | FOUNDER & CTO

Oct 2016 | Jalandhar, India

- Founded a creative agency that develops websites and web apps.
- Made extensive dashboards for clients using **Node.js** & **MongoDB**.
- Worked for **Sodexo** on a web-based cryptocurrency service. Built **RESTful APIs** to actively fetch live prices using **Scrapyrt**.

PROJECTS

CALMEME

Chrome Extension | JavaScript

A Chrome extension built for people wishing to relate to the popular meme culture at UC Berkeley. The extension works by replacing popularly used keywords to meme-like texts on almost all webpages on the internet.

AANKHEIN

Cross-Platform App | React Native, Thinkable

Created a cross-platform app for people with impaired vision that identifies objects, people and their emotions in real time. Used Microsoft Azure's cognitive service API and integrated it with the UI of the app.

ADEONA

Android App | Java

Created a native Android app allowing women and children to opt for safer walking paths at night. Implemented an algorithm that identified safer navigational routes on the basis of large data sets of previously reported crimes.

AWARDS

- 2018 **Winner** - APJ Techfest '18
- 2018 **Winner** - Hack NITJ '17
- 2017 **Runners Up** - Smart India Hackathon
- 2017 **Academic Excellence Award**
- 2016 **43rd/200** - International Computing Olympiad