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 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, Thunkable
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 Andorid 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	**43nd/200**	- International Computing Olympiad