Agam Jolly

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UC Berkeley | Berkeley, CA - Bachelors in *Computer Science*

Expected Graduation: May 2023 | CS Scholars Program

Relevant Courses: Intro to Computer Science, Data Structures and Algorithms

Organizations: Computer Science Undergraduate Association

WORK EXPERIENCE

Eli Sleep, Chicago, IL — *Founder* and *Software Engineer*

June 2018 - October 2018

- Successfully secured **$130k** in **seed funding** from a prominent VC group in Chicago.
- Organized and debugged over **3,000 lines** of code in **vanilla JS** and **C**. Wrote scalable code to run on Arduino systems using **NodeBots.**
- Worked on a front-end website made using **GatsbyJS** and **SASS.**

Samson & Co., Birmingham, UK — *Software Engineering Intern*

May 2018 - September 2018

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

PROJECTS

Aankhe: Created a **cross-platform** app made using **React Native** for people with impaired vision that identifies people (and their emotions), objects and surroundings in real time using a **convoluted neural network** and **Microsoft Azure**'s cognitive service API.

Eli: A **full-stack** app made using **React** and **Firebase** that allows parents to track their child's sleep using intricate microphones and accelerometers connected to an **Arduino** board stuffed in a plush toy.

SKILLS

Intermediate: Python, Java, HTML, CSS

Familiar with: Bash, JavaScript (Vanilla, Node, React)

Beginner: SQL, PHP

ACTIVITIES

IOI Regionals, LaunchX Scholar, Google Developers Group, CS Scholars Berkeley

LINKS

GitHub/AgamJolly
LinkedIn/AgamJolly

INTERESTS

Entrepreneurship, Software Eng., Design and Prototyping, Product Management