

# Agam Jolly

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## EDUCATION

### UC Berkeley | Berkeley, CA – Bachelors in Computer Science

Expected Graduation: Dec 2022 | CS Scholars Program

**Relevant Courses:** Structure and Interpretation of Computer Programs, Data Structures

**Organizations:** Computer Science Undergraduate Association

## SKILLS

**Languages:** Python, Java, HTML, CSS, JavaScript, Bash

**Frameworks & Technologies:** React.js, Gatsby, Node.js, Express.js, Git, Linux

## WORK EXPERIENCE

### UC Berkeley EECS Department, Berkeley, CA — Academic Intern

January 2020 - Current

- Overseeing work as **course staff** for the **introductory Computer Science** course—*Beauty and Joy of Computing* (CS10)—taken by over **150 students** at UC Berkeley in the Spring semester.
- Supporting instruction of **Python**, **Snap!** and basic **data structures**, assisting students with understanding concepts like **abstraction** and **recursion** for success in future CS courses.
- Facilitating labs with other academic interns and undergraduate student instructors.

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

June 2018 - October 2018

- Worked on a product that rectifies sleep disorders in children using a plush toy and an app.
- Collaborated and debugged over **3,000 lines** of code in **vanilla JavaScript** and **C**. Wrote scalable **JavaScript** code to run on **Arduino** systems using **NodeBots** and **Johnny-Five**.
- Deployed a dynamic website styled using **Gatsby** and **SASS**, decreasing load times by over **30%**.
- Exited with **\$130k** in **pre-seed funding** from a prominent venture capital group in Chicago.

## PROJECTS

**FindMyParking.space (HackDavis Winner):** A full-stack app made using **React**, **GraphQL** and **LAMP** stack that provides a marketplace for people to lease and rent parking spots.

**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** stuffed in a plush toy.

## ACTIVITIES

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