PARAN SONTHALIA

[Contact]
Portfolio Website: http://paransonthalia.com/ • GitHub: https://github.com/psonthalia

EDUCATION

- Pursuing Bachelor's Degree in Computer Science and Data Science at **UC Berkeley Class of 2022**
- Courseware: Algorithms, Probability, Data Structures, Data Science, Circuits and Linear Algebra, Computer Architecture, Discrete Math, Computer Security, Artificial Intelligence, Databases, Machine Learning
- Upcoming: Data Mining, Deep Neural Networks, Financial Engineering
- **4.0 Computer Science GPA**

TECHNICAL SKILLS

- Languages: Python, Java, ReactJS, JavaScript, C, force.com APEX, HTML/CSS, C#, SQL, Ruby, Golang, Kubernetes, BASH
- App Development: XCode (Swift, Objective-C), Android Studio (Java), React Native, Unity
- Databases: MongoDB, Firebase, XML, JSON, YAML

WORK EXPERIENCE

- **Cofounder and CEO – DeWaste, Berkeley, CA**   **November 2018 – Present**
  - Won **Fellowship** at Cal Hacks. Take and analyze photos of food waste to help reduce waste
  - Currently used at UC Berkeley, UC Riverside, and UC Davis
  - Y Combinator Interview Candidate and recipient of Y Combinator Startup School Grant
  - Interviewed and recruited 17 interns for the course of multiple semesters
- **Software Engineering Intern – Citadel Securities, New York, NY**   **June 2021 – August 2021**
  - Implemented persistent disk functionality on the custom Citadel Kubernetes Engine
- **Head of Growth and SWE Intern – MealMe, San Francisco, CA**   **January 2021 – April 2021**
  - In charge of expanding MealMe's selection of delivery and pickup apps by updating Python backend
- **Data Science Intern – Amazon, Sunnyvale, CA**   **May 2020 – August 2020**
  - Automated analysis on device data and predictions to reduce customer service interactions
- **Software Engineering Intern – Pivotal Software, Palo Alto, CA**   **May 2019 – August 2019**
  - Release Engineering Team for PKS – used CI tools, Ruby, Bash, and Go to automate the shipping process
- **Research Apprentice, Data Science – UC Berkeley**   **Jan 2019 – May 2019**
  - Worked with data for renewable energy and transportation to explore different statistics
- **Course Staff, CS61A – UC Berkeley**   **Jan 2019 – May 2019**
  - Held office hours for CS61A and assisting students during lab section to help with coursework

PROJECTS

- **TrashCam**: Won 5 Prizes at LA Hacks. A self-sorting trash can which takes a photo of the item and then sorts the trash into its respective bin. Used a Raspberry Pi with camera and servos in a cardboard box
- **RoBotany**: Won **1st Place** at Los Altos Hacks. This project is to improve results of home gardening. We designed our own sensors to monitor real-time moisture levels using a mobile app
- **Auxilium Health**: **1st Place** in Mountain View App Competition. The user takes a photo of the prescription and the app analyzes the text to send reminders to take the medication on time
- **Mountain View Art**: Selected among the **top ten** in Mountain View App Challenge and recognized by **Mayor** of City of Mountain View. The app showcases citywide artwork using the Google Maps API

ACTIVITIES

- **Eagle Scout, Boys Scouts of America**: Now mentoring young scouts
- **Sigma Eta Pi**: Working with new members and helping teach entrepreneurship
- **Programming Instructor**: Getting young kids excited about programming; conducting workshops at various conferences including [Oracle Open World], [JavaOne4Kids], [SVCC], [Devoxx4Kids] and more
- **[Xcelerate Reviews]**: Sharing my fitness journey on YouTube