PARAN SONTHALIA

[Contact](https://paransonthalia.com/#contactMe)

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](https://www.oracle.com/openworld/), [JavaOne4Kids](https://www.oracle.com/java/javaone4kids.html), [SVCC](https://www.siliconvalley-codecamp.com/), [Devoxx4Kids](http://www.devoxx4kids.org/) and more
* [**Xcelerate**](https://www.youtube.com/Xcelerate) **Reviews**: Sharing my fitness journey on YouTube