

# Lugman Abdurrohman

Computer Science B.S. at University of California, Santa Cruz  
June 2021

(925) 849-2408

[mlabdurr@ucsc.edu](mailto:mlabdurr@ucsc.edu)

[linkedin.com/in/luggy-wuggy/](https://linkedin.com/in/luggy-wuggy/)

[github.com/luggy-wuggy](https://github.com/luggy-wuggy)

## Projects

### **Shaded, Python 2D Game Mock Version** — *Summer 2019*

- Developed a working mockup for an original computer game made completely out of python
- Integrated a game engine package named **Pygame** that achieved the UI and gameplay experience
- Implemented a three stage screen with a start, game, and ending display using **OOP**

### **Shaded, iOS Mobile App** — *Fall/Winter 2019*

- Developed an original **mobile game app** — an engaging game in which user controls a platform and aims to target the different shaded object. Inspired by the game *Color Switch*
- Implemented **XCode, swift, sprite kit, and gameplay kit** in development of the app

### **Voice Assistant for Google Calendar** — *Fall 2019*

- Developed a python program that allows user to retrieve and create events from their personal Google calendar using a voice assistant
- Integrated multiple python modules — **gTTS** (google text to speech), **speech recognition**, **playsound** — paired with **Google Calendar's API**.

### **IMSA Care App** — *Winter 2020 (wip)*

- Developed an mobile app for IMSA Care (Indonesian Muslim Society in America) using **Flutter**
- Implemented **Square's In-App Payment API** to fetch users credit card nonces to donate to different programs
- Established a **Firebase Backend** to handle user payments

## Technical Skills

- Language: Java, Python, Swift, SwiftUI, Haskell, Dart, C
- Tools: XCode, Jupyter Notebook, Flutter, Git, Pandas, SciKit, NumPy, Matplotlib,

## Related Courses

- Intro. to Programming (Accelerated)
- Intro. to Data Structures
- Algorithms & Abstract Data Types
- Computer Systems and Assembly Language
- Applied Discrete Mathematics
- Probability & Statistics for Engineers
- Linear Algebra
- Vector Calculus
- Computational Models
- Intro to Functional Programming
- Ethics & Algorithms
  - Machine Learning Course
- Natural Language Proc.

## Currently Enrolled In

- Algorithm Analysis
- Computer Architecture

## Interpersonal Work Experience

### **Shipping & Receiving Specialist**

--- Santa Cruz, CA  
Riverside Lighting & Electric  
(June 2019 - Present)

- Grit & determination
- Physical labor
- Creative problem solving

### **Snap Hand (Busser, Counter, Expo, Cook)**

--- Santa Cruz, CA

Snap Taco

(June 2019 - September 2019)

- Patience, Persistence, & Practice
- Stressed teamwork & communication
- Open-mindedness & customer service mentality