

# LUIGI SIOPONGCO

Full Stack Software Engineer

## CONTACTS

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## EDUCATION

### Rutgers University

Degree: B.S. in  
Biomedical Engineering

### Years:

Sept 2015 – May 2019

### Digital Crafts

Full Stack Web  
Development Bootcamp  
Sept 2020 – Jan 2021

## SKILLS

### Programming

### Languages

JavaScript  
Python

### Frameworks

React  
Django  
Node.js / Express

### Frontend

HTML/CSS  
Bootstrap

### Databases

Postgres SQL  
Firebase

### Misc

Git/Github  
Redux  
Mustache  
Docker  
Jest  
Adobe XD

## WORK EXPERIENCE

### Gohort

Mar 2020 – Present

#### Full Stack Developer

- Created a plan-user join feature to allow users to handle plan invitations- built via **Django Rest Framework** on the backend and **React/Redux** on the frontend
- Implemented logic for saving user location data for each individual plan item to provide visuals for each trip's plan items on a google map
- Gained experience working in an Agile environment to develop a proficiency working on collaborative software teams and project environments
- Helped mentor and onboard members joining project by setting up peer coding sessions and mini lectures in **Javascript**

### Allied Innovative Health Systems

July 2019 – Jan 2020

#### Research and Development Intern

- Investigated different experimental tests using ELISA immuno-assay kits to achieve a high sensitivity to an HIV antigen
- Compiled multiple technical reports on experimental data for analysis of accuracy and trends in experiments, which ultimately provided a library of previous tests
- Performed testing and design analysis on an illumination device leading to a better more uniform light dispersion, increasing accuracy of experiments

### Matheny Medical Center

Aug 2018 – May 2020

#### Bio engineer Intern

- Gained exposure to prototyping and mechanical testing processes designed to identify failures through computational analysis and team brainstorming
- Fabricated an adjustable lateral arm support prototype for patients with scoliosis that achieved a desired range of motion functionality

## PROJECTS

### Chalk Up

A web app for rock climbing enthusiasts to keep track of their climbing stats

- Developed a gym finder feature that query the google place finder API locate and display nearby gyms on a map based on the user's current location
- Utilized **Javascript** on the frontend and **NodeJS/Express** on the server side to save user climbing statistics to a **Postgres** database
- Wrote mobile first layout utilizing plain **HTML** and **CSS**

### Flix-Lists

A web app that gives global statistics on the corona virus through a web API

- Built user authentication and movie data backend models with **Firebase**
- Implemented lists feature which would save user data to a specific movie list category allowing for a more organized front end experience
- Worked on backend logic for creating user specific movie lists

## EXTRACURRICULARS

### Rutgers Assoc. for Philippine Students

Oct 2015 – Jan 2017

#### Events Coordinator

Organized and lead major philanthropic club events of 500+ in attendance

### Hacker Hours Jersey City

Dec 2019 – Present

#### Moderator

Collaborated with members on problems and learned new skills/frameworks

References Available Upon Request