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