(224) 399 6303
andreadumalagan.github.io
andreadumalagan@gmail.com

Andrea Dumalagan

SKILLS

DEVELOPMENT
JavaScript & jQuery

Node.js, Express

Chart.js

HTML/HTML5

CSS

Bootstrap

LANGUAGES
Java

Python

C++

TOOLS
MongoDB

MySQL

Github

RELEVANT COURSEWORK

Programming Methodology I & II

Intro to Computer Systems

Software Engineering

Mobile App Engineering

Digital System Design

Sustainable Energy

EDUCATION

B.S. ELECTRICAL AND COMPUTER ENGINEERING
Rutgers, The State University of New Jersey   New Brunswick, New Jersey

Sep 2016 - May 2020

EXPERIENCE

WEB DEVELOPER INTERN
Science Gateways Community Institute

RCSB PDB   Piscataway, New Jersey

May 2019 - Present

CISD PROGRAMMING INTERN
Wakefern Food Corporation   Edison, New Jersey

June 2018 - August 2018

- Redesigned Wakefern's internal websites utilizing HTML5/CSS, Bootstrap, and jQuery to improve usability, thus enhancing user experience and increasing traffic.
- Utilized Java and SQL to develop a program that updates data of each of Wakefern's 300+ stores on a weekly basis, thereby improving the efficacy and accuracy of running queries.

PROJECTS

KA$H
https://kash-stock.herokuapp.com

Spring 2019

Automated stock handling system based on prediction data from sentiment and statistical trends.

- Built a web scraping tool using Python and New API in order to gather as many relevant news headlines from the resources offered by News API pertaining to a user-specified stock; this information is used to calculate a sentiment score describing the user-specified stock trend in real time.
- Designed the layout and wireframe for "Sentiment Analyzer" page; utilizing HTML5 and CSS, built the "About Us" page.

ACTIVITES

EVENT COORDINATOR
Rutgers Association of Philippine Students   New Brunswick, New Jersey

April 2017 - April 2018

- Direct the planning and execution of the organization's events for a 500+ member cultural club while maintaining fluctuating budgets.
- Select and serve as main point of contact for vendors, performers, and sponsors.
- Promote culture within our organization by creating opportunities to network with the intercollegiate Filipino community outside of Rutgers.