SEAN CAO

450 E 20th St Apt TB New York, NY 10009 · (845)-537-9907
seanscao@nyu.edu   seanscao.github.io
linkedin.com/in/seanscao/   github.com/seanscao

EXPERIENCE

Intern, Columbia University, Lamont-Doherty Earth Observatory

Jun 2018 – Aug 2018

Developed an AngularJS application for the Rolling Deck to Repository website update
Developed Python scripts for scrubbing Apache server logs and graphing data using Bokeh

EDUCATION

B.A. Computer Science, New York University

Expected Dec 2019

Related Coursework:
- Applied Internet Technology
- Agile Software Development
- Database Design and Web Implementation
- Computer Security
- Parallel Computing
- Basic Algorithms
- Operating Systems
- Computer Systems Organization
- Data Structures
- Discrete Mathematics

LEADERSHIP

Encounter Christian Fellowship Treasurer

- Managed budgeting and assisted in event preparation and logistics
- Headed our social media team and assisted in community outreach.

OTHER SKILLS

- Fluent in English and Mandarin.
- Photography

PROJECTS

Rolling Deck to Repository Website

https://www.rvdata.us/
The website presents both information on the project and includes a search function for displaying maps of cruise routes and cruise metadata. The web application uses AngularJS, Bootstrap, OpenLayers, and PostgreSQL.

Bang for Your Buck Web Application

https://bang-for-your-buck.herokuapp.com/
Allows users to create and share project material plans using an Express application using Node.js, HandBars.js templating, and MongoDB

TECHNICAL SKILLS

Languages:
- JavaScript
- Python
- Java
- C
- PHP
- HTML/CSS

Database Management:
- MySQL
- SQLite
- MongoDB

Frameworks:
- React
- Angular.js
- Bootstrap
- Express

Libraries:
- JQuery
- Mongoose
- HandleBars.js

Tools:
- Git
- Grunt
- Eclipse

DevOps:
- Scrum Framework