SEAN CAO

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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

New York University, B.A. Computer Science

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 the 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/
- Presents both information on the project and includes a search function for displaying maps of cruise routes and cruise metadata
- 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