

Daniel T. Yang

SOFTWARE ENGINEER

6 Brunelleschi Court, Monmouth Junction, NJ, 08852

☎ (+1) 609-865-4319 | ✉ yang.daniel2000@gmail.com | 🌐 www.dantyang.com | 📱 dantyang | 📺 dantyang

Education

Rutgers University-New Brunswick

New Brunswick

B.S. IN COMPUTER SCIENCE AND MATH, MINOR IN ECONOMICS

Sept. 2018 - May 2021

• Courses Taken:

- **CS:** Intro to Computer Science, **Data Structures**, Computer Architecture, Discrete Math, Systems Programming, Operating Systems, Discrete Probability
- **Math:** Calculus I-IV, Intro to Linear Algebra, **Intro to Math Reasoning**, Linear Algebra, Probability Theory

Skills

Programming Languages Python, Java, PHP, HTML, C, Assembly

Frameworks Flask, Laravel, React

Tools Git, Linux, Bash, MySQL, MongoDB, AWS, Heroku

Work Experience

Department of Computer Science, Rutgers University

Piscataway, NJ

ILAB ASSISTANT, RUTGERS UNIVERSITY

May 2020 - Present

- Worked **weekly** with Students to help supplement basic concepts of programming such as Introduction Level Java, **Data Structures**, Computer Architecture, and Systems Programming

Laboratory of Computer Science Research, Rutgers University

Piscataway, NJ

STUDENT APPLICATIONS DEVELOPER

Feb. 2019 - June 2019

- Created **PHP Laravel** web application, utilizing laravel collection, MVC and many to many relationship tables for **MySQL** database
- Introduced a model that would be able to represent a query and generate a table based on the SQL query result

Leadership Experience

Undergraduate Student Alliance of Computer Scientists

Sep. 2019 - Aug. 2020

EDUCATION DIRECTOR (CO-PRESIDENT)

- Contacted **50+ industry speakers, companies, Professors and other contacts** for event planning and programming
- Planned **weekly** hacker hours on Web Development, App Development, and machine learning from other company events and other students for talks on new and upcoming technologies
- Developed Mentor-mentee pods that **develop** and **stimulate growth** for Rutgers computer science community

Rutgers University Mobile App Development Club

Sept. 2018 - April 2020

BACKEND MENTOR (VICE PRESIDENT)

- Use **PyMongo** and **Flask** to create URL links for basic blog frameworks
- Incorporates NoSQL database (**MongoDB**) with PyMongo and Flask to create projects
- Created Song Messaging app with a group of IOS and Android Developers utilizing **Spotify API** and **MongoDB** for login and Database Storing

HackRU

Fall 2018 - March 2020

VHX VICE DIRECTOR AND RND ORGANIZER

- Organized volunteer shift schedule and allocation for **40+ Volunteers** on shift at biannual Rutgers Hackathon
- Created Google forms and utilized forms to contact **80+ volunteers** for feedback
- Developed software for use by staff hackers at HackRU and coordinates with HackRU Directors accordingly

Projects

Fall 2018 **Monopoly**, Created as a first step into a language and simulates Monopoly

Java

Spr. 2019 **SongToChat**, Simulates messaging application, allows for songs to be sent using Spotify API

PyMongo, Flask

Fall. 2019 **Malloc Simulator**, Simulates Malloc and Freeing over an array of size 4096

C