

Nolan Ley Custodio

Email: custodionolan@gmail.com

Github: <https://github.com/NolanCustodio>

SKILLS

Languages: Python, PHP, HTML/CSS/Javascript, BASH, Java

Operating Systems: Windows 10, Linux (Ubuntu)

Technologies: Git, MySQL, SQL, AMQP, RabbitMQ, Trello, Cron, Bootstrap, MVC, Visual Studio, Docker, ReactJS

EDUCATION

New Jersey Institute of Technology (NJIT)

Jan 2018 – May 2021

Bachelor of Science – Information Technology

EXPERIENCE

NJIT, Ying Wu College of Computing – *Adjunct Professor (Ending Position)*

September 2019 – December 20, 2021

- Introduced basic programming concepts through Python
- Graded and reviewed assignments to over 25 students every semester
- Gave supplementary lectures/lessons to students every week

PROJECTS

Back End Developer – Systems Integration Project – Fall 2020

A group project which involved obtaining data through a news API, using multiple virtual machines that used RabbitMQ to communicate on a virtual LAN, and providing a dynamic front-end to each user.

- Built MySQL database alongside BASH scripts to back up tables/data
- Connected back-end VMs with RabbitMQ to transfer data
- Cronjobs were used to run the API calls
- Implemented the beginning of multiple development clusters

Synchat – MERN Stack Application – Ongoing

Building a Web Application with group chat and scheduling.

- Uses Docker to create micro-services
- Currently implementing RabbitMQ as a way to send data between containers
- Changing containers while deploying application to Heroku