

Kieran Duggan

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EDUCATION

City College of New York – Grove School of Engineering

Bachelor of Science in Computer Science

New York, NY

Dec 2019

- Major GPA: 3.51/4.0

SKILLS

Languages: Java Python Javascript SQL HTML/CSS C/C++

Tools: Linux Git MySQL Django NodeJS ExpressJS

EXPERIENCE

NC-Hash

New York, NY

Developer and Co-Founder

Jan 2020 – Current

- Cyber NYC Inventors to Founders inaugural cohort featured in the Wall Street Journal
- Responsible for building the connection between the **JavaFX** front end and the **C** cryptographic library in our prototype

Rockland Community College

Suffern, NY

Computer Science Teaching Assistant

Jan 2016 – Jun 2016

- Assisted Students in debugging their **Java** code, allowing them to understand and succeed in the course.
- Took note of weak points from students during lecture to improve the course over time.

PROJECTS

Pascal Subset Compiler

CCNY

C, Compiler Design, Grammar Design

Jun 2019

- Implemented a subset of **Pascal** using **C** resulting in an A- in the course.
- Features included integers, floats, arithmetic, variables, arrays, control flow such as do loops, repeat until loops and if statements.

GameBook

CCNY

Databases, MySQL, NodeJS, ExpressJS, HTML/CSS

Oct 2018

- A social networking web app for gamers to meet other gamers with similar interests. Created as a group project for databases class powered by **NodeJS**.
- Utilized **HTML** and **CSS** to design and implement the homepage, game page, and search page, as well as build search bar functionality in **JavaScript**.
- Created schema used to store user, game, and friend list information in a **MySQL** database.

Document System

CCNY

Java, JavaFX, MySQL

Oct 2018

- A **JavaFX** application for creating, editing, and sharing documents.
- Built effective schema for documents that allowed for a simple version control system.
- Designed **SQL** queries to save, load, and retrieve versions of a document as well as document metadata relevant to different users logged into the system.

ACTIVITIES

ASME Programmer

CCNY

C, Arduino, Microcontrollers

Sept 2018 – May 2019

- Managed code for robot which competed at ASME E-Fest North
- Wrote **C** code for an **Arduino** to receive and understand signals from a radio controller, then mapped those signals to various functions on the robot, resulting in a robust, competition ready robot.