

## **Kieran Duggan**

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### **Education:**

**The City College of New York**, New York, NY  
B.S Computer Science (December 2019)  
GPA:3.01

### **Skills:**

**Languages:** Java, C/C++, Python, JavaScript, HTML/CSS, x86 Assembly

**Technologies:** Git, MySQL, NodeJS, ExpressJS, Linux, JavaFX

### **Projects:**

#### **GameBook** (Fall 2018)

- A social networking web app for gamers to meet other gamers. Created as a group project for databases class.
- Used technologies such as HTML/CSS, Node.JS, Express, Handlebars and MySQL.
- Responsible for implementing the design and functionality of the homepage, game page, and search page as well as designing schema for the database.

#### **Document System** (Fall 2018)

- A JavaFX application for creating, editing, and sharing documents.
- Programmed in Java and used a MySQL database to store document and user data.
- Responsible for the users document manager, text editor, and versioning system as well as schema designs.

#### **Artificial Life Project** (Spring 2017)

- Inspired by Conway's game of life, a randomly generated grid based world where 'organisms' are represented in cells and follow simple rules.
- Programmed using Java and JavaFX
- Responsible for displaying the grid in its current state as well as logic behind the grid.

### **Internships:**

#### **Computer Science Teaching Assistant, Rockland Community College**, Suffern, NY, 01/16-06/16

- Assisted students in debugging their Java code, completing assigned home works and understanding topics discussed in class
- Took note of weak points from students during lecture to help improve the course over time

### **Activities:**

#### **ASME Programmer** (Fall 2018 – Present)

- Assisted in writing code to control a robot using Arduino and Raspberry Pi