# Hafsa Nadim

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## SKILLS

**Languages**: Python | Java | JavaScript | HTML | C++ | C | SQL |
**Technologies**: Git/GitHub | Figma | Android Studio | Mac OS | Windows 10 | Linux | Microsoft Office |

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## EDUCATION

**The City College of New York –** The Grove School of Engineering                                        New York, NY
**Bachelor of Science, Computer Science**                                                                                           June 2022
**Minor in Economics**
**Dean's List**
**GPA** 3.352

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## COURSE HISTORY

Data Structures | Algorithms | Software Design | Software Engineering | Scientific Programming | Database Systems | Operating Systems | Artificial Intelligence | Introduction to Machine Learning | Image Processing | Introduction to Data Science |

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## PROJECTS

***Nutrimental | MERN Stack***
- Collaborated with a group of 5 on a web application centered around helping users with their daily intake
- Worked on creating data schemas and API calls in the backend
- Developed nutritional features that help users keep track of their nutrients and food history

***Rec Spot App | Java***
- Designed and developed wireframes using Figma to have better understanding of the layout of app
- Developed features to allow users to create, upload and edit their own videos

***Android Applications | Java, FXML***
- **InstagramClone App** allows users to post and caption their pictures
- **SimpleTweet App** allows users to create a Twitter account or sign into their accounts and tweet posts
- **Flixster App** allows users to view details of movies such as ratings and trailers
- **SimpleToDo App** allows users to create and edit a to-do list
- **Feeding Time to Pets App** allows pet owners to select various options to know how much to feed their pets

***Restaurant System | Python***
- Collaborated with a group of 4 to develop a virtual restaurant
- Developed a software engineering report consisting of the following diagrams: use case, class diagram, collaboration diagram, E-R diagram, and Petri-net

***Operating System Command Shell | C***
- Collaborated with a group of 4 to build a command shell

***Artificial Intelligence Dataset Project | Python***
- Used Jupyter Notebook and machine learning scikit-learn library to make predictions on datasets
- Applied linear regression and classification models to obtain predictions

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## EXPERIENCE

**The City College of New York**                                                                                                         New York, NY
**Android CodePath**                                                                                                             January 2021 - May 2021
Awarded the CodePath Android Development Certificate
- Designed and developed Android mobile applications using Android Studio

**Strawtown Elementary**                                                                                                               New York, NY
**YMCA Teacher's Assistant**                                                                                         September 2016 - June 2017
- Worked as a teacher's assistant where I helped students with after-school material
- Went over homework, reading skills, and communication skills