

An aspiring Software Engineer dedicated to improving skills through hands-on learning and development experience. Proficient in mobile and desktop development environments. Skillful at using Java, Python, C++, and other programming languages and can produce clean code. Well-organized and collaborative team player with solid communication and problem-solving ability.

### SKILLS

<b>Languages</b>	C#, C++, Dart, HTML & CSS, Java, JavaScript, Python, SQL, Swift, XML
<b>Frameworks</b>	Flask, Django, Maven, Flutter, Bootstrap, React, Node.js, JSON, Spring Boot, Matplotlib, JUnit
<b>Softwares</b>	Linux OS, Windows OS, VSCode, IntelliJ, Git, Github, XCode, Visual Studio, SSH
<b>Communication</b>	English, Bengali

### TECHNICAL EXPERIENCE

#### Artona 09/2021 — Present

- Deployed an iOS Safari Extension
- Debugged websites to add customization features
- Prototyped and designed the app using XCode and SwiftUI
- Implemented multiple features to make the app Web-enabled
- Technologies Used: Swift, SwiftUI, XCode

#### FacialRecognition 06/2021 — Present

- Allows users to identify any recognized faces from a given dataset quickly
- Integrated OpenCV modules to let users effortlessly generate datasets
- Incorporated offline storage and automatic data caching
- Implemented an intuitive GUI using Tkinter
- Technologies Used: Python, OpenCV, Face Recognition, Tkinter, OS, Threading

#### Connect4 Game 01/2021 — 04/2021

- Designed and developed an intuitive user interface
- Prioritized an Object-Oriented approach
- Engineered a RESTful backend server that keeps track of the current game progression in real-time
- Technologies Used: Java 15, JavaFX, Spring Boot, Scene Builder

#### AutoRentalSystem 01/2021 — 05/2021

- Designed and incorporated an intuitive UI
- Integrated the Agile software development approach to create a desktop application that can manage auto rental and inventory
- Programmed Microsoft SQL Database to store and retrieve rental data
- Applied object-oriented programming concepts to improve program readability and functionality
- Designed detailed relational database using Entity Relational Diagram
- Technologies Used: C#, .NET, Microsoft SQL, Visual Studio

### EDUCATION

#### Bachelor of Science in Computer Science, New York City College of Technology 08/2018 — Present

Brooklyn, NY

- **Relevant Coursework:** Data Structures, Discrete Structures and Algorithms I, Object-Oriented Systems Analysis and Design, Object Oriented Programming in Java, Software Development and the .NET Framework, Web Programming, Database, XML Data Representation, App Development with Database, C++ Programming, Operating Systems Fundamentals
- **GPA:** 3.5/4.0

### CERTIFICATIONS

#### Information Security Basics (AWR173) 05/2020

### INTERESTS

- **Knowledge:** Machine Learning, Artificial Intelligence, Augmented Reality, Full Stack Development, Backend Development
- **Activities:** Hiking, Camping, Travelling, Country & Pop music, Concerts, Sports, Movies and TV Shows