

BILAL MADI

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📍 Athens, Georgia

🌐 <https://github.com/Skilles/>

EXPERIENCE

Co-Founder

airSAFE

📅 August 2017 - June 2019 📍 Augusta, GA

- Developed and marketed a portable air sensor with 5 peers through MIT LaunchX that alerts users when detecting high levels of CO2 and VOC particulates in the air
- Built and programmed the initial air sensor prototype which was demo'd at the Youthpreneurs Expo in Charlotte, NC, and LaunchX Regional Demo Day in Atlanta, GA
- Received a \$1,000 grant from MIT LaunchX to further develop the device and travel to entrepreneurial events

Delivery Driver

Marco's Pizza

📅 June 2019 - August 2019 📍 Augusta, GA

- Delivered prompt, accurate service while simultaneously assisting other servers during busy times to ensure customer satisfaction scores of 98%

PROJECTS

Blackjack AI

📅 July 2021

- Utilized the PyGame and NEAT library to create an automated Blackjack player with a genetic algorithm trained against the house in order to achieve a near-perfect winrate of ~43% over 680 generations

Asteroids Redux

📅 November 2021

- Used the JavaFX library to create a modern clone of the arcade game "Asteroids" using a custom collision detection system and physics engine

PaintAI

📅 January 2022

- Uses the TensorFlow library and MNIST dataset to dynamically predict the digit the user is currently drawing
- Uses .NET Core to display a graphical interface that allows brush color and size adjustments

EDUCATION

B.S.

Computer Science

University of Georgia

📅 2019 - current

📍 Athens, GA

🎓 GPA: 3.5

Deans List

Honors Program

Charter Scholarship

Minor: Cognitive Science

SKILLS

Languages

Java

Python

C#

HTML/CSS

JavaScript (React)

C++

Skills

Teamwork

Project Management

Communciation