

Kevin Avila

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EDUCATION

GPA: 3.9

University of North Carolina at Charlotte, Charlotte, NC

May 2023

Bachelor of Science in Computer Science

Concentration: AI, Robotics, and Gaming

Related Coursework: Intro to Operating Systems and Networking, Intro to Artificial Intelligence, Software Engineering, Intro to Natural Language Processing

University of North Carolina at Charlotte, Charlotte, NC

May 2024

Master of Science in Computer Science

Concentration: AI, Robotics, and Gaming

TECHNICAL SKILLS:

Programming Languages: Python, Java, HTML, Javascript, Typescript, SQL, C++

Tools and Technologies: Angular, Linux, Cloud9, S3, Flask, FlaskSQLAlchemy

WORK EXPERIENCE

Centene Corporation

May 2022 - Aug 2022

Software Developer Intern

PROJECTS:

Searching Application (Python), Intro to Artificial Intelligence

Sep 2021 - Oct 2021

- A pathfinding visualizer that will find a path using classical searches between an initial node and goal node within any size grid.

- Uses Object-Oriented Programming for each searching algorithm including Breadth First, Depth-First, and A*.

Web Scraping (Python, Beautiful Soup Library)

Oct 2021

- A project that will extract prices from hundreds of lines of HTML based on the user's input.

- Uses the Beautiful Soup Library in order to search the website and find the number of pages/results of the given product.

Discord Bot (Python, JSON Library)

Sep 2021 – Oct 2021

- A project that uses CoinGecko's API in order to display real-time information about a cryptocurrency.

- Uses the JSON library in order to work with whatever information is being retrieved from the API.

VOLUNTEER EXPERIENCE / STUDENT INVOLVEMENT

- **Note Taker** Oct 2021 - Dec 2021

- **Association for Computing Machinery (Member)** Oct 2021 – Present