Carter Scranton

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Education	Bachelor of Science, Computer Science University of Missouri, Columbia, MO	May 2024

Programing Languages C/C++, Python, HTML, CSS, JavaScript, SQL, Assembly, MATLAB, ROS

Certificates Currently Pursuing:
IBM Full Stack Software Developer Professional Certificate
AWS Cloud Solutions Architect Professional Certificate

Skills
Software Development and Web Development
Artificial Intelligence and Machine Learning
Microcontrollers and Embedded System Design
DataBase Application
Git/GitHub
Linux/Unix Systems
Game Development, Design and Animation

Projects
Capstone Project: MU Pharmacy Statistics Web Application
  - Stores uploaded data into a database and displays calculated statistics on data to users
  -Worked with team to design and implement application

Parser for Python-like Program using Antlr
  -Defined a parser grammar using Antlr

MiniMax AI for Four in a Row Game
  -Programed an AI to play a game with user utilizing the MiniMax algorithm

Server-Client chat room service in python
  -Created a command line server-client chat room using network sockets

Experience	BNIM Architecture Firm Technology Intern *-Assisted tech team with internal systems and hardware*	2022
	Computer Science Mentor for Bishop Miege Robotics *-Mentored students on programing FIRST Robot controls*	2019 - 2022

Honors & **Activities**	National Eagle Scout Award Missouri S&T Battle Bots	May 2017 2019 - 2021

References

Paul Waters   pwaters@bnim.com
Director of Information Systems at BNIM

Gary McKenzie   mckenzieg@health.missouri.edu
Capstone Professor at the University of Missouri

Jim Ries   RiesJ@missouri.edu
Associate Teaching Professor