

Skills

Coding Languages: C, C++, C#, Java, Dart, Python, Typescript, JavaScript, Sass, CSS, HTML, SQL

Frameworks: Angular, Node.js, Django, TensorFlow, Flutter, React Native, ASP.NET

Other Tools and Skills: Product Management, Project Management, Linux, Windows, REST APIs, Machine Learning, Networking, Team Management

Experience

PremierOne Records, Junior Software Engineer, Motorola Solutions Jan. – Feb. 2024

Collaborated with a development team to redesign dynamic layout pages of PremierOne Records to modernize software used by dozens of large public safety agencies.

- Developed in a .NET Framework of a large Code Base and redesign the user interface to appear more modern and robust.

Auxilium, Full Stack Developer, Neumont Senior Capstone Project March – May 2023

Developed a free, open-source Virtual Voice Assistant that runs a Raspberry Pi 4B, providing a cheap alternative to other competing Voice assistants.

- Utilized Machine Learning to create Natural Language Processing models to recognize user's voice commands with up to 84% accuracy.
- Developed and modified an Ubuntu Server Operating System to create a self-contained environment that could run on low powered microcomputers such as a Raspberry Pi with extreme efficiency and responsiveness.

Mock Discord Project, Lead Developer, Neumont Group Project Oct. – Nov. 2021

Collaborated and led a group of 5 developers to create a website that replicated Discord's most prominent features, such as direct messaging, group messaging, and user connections.

- Developed a REST API for the project using Django.
- Used multiple Raspberry Pi's to host and load balance the project to allow accessibility through the campus of Neumont.

Scamper, Lead Developer, Neumont Group Project July – Oct. 2021

Collaborated and led a group of 4 developers to create and publish a Fitness app that would record and Log cardio sessions such as running, walking, or Biking.

- Utilized Android Studio, Google Services, Google Play Store, and Google AdSense to create an app that was able to generate ad revenue through the usage of its users.

Education

Bachelor of Science in Computer Science | August 2024
Neumont College of Computer Science, Salt Lake City, UT