

Sairamasubash (Subash) Muppalaneni

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Summary:

I am a graduate Computer Science student at the University of Illinois at Urbana-Champaign with experience as a Software developer. I am seeking software development positions to deliver solutions to business needs.

Education:

University of Illinois Urbana-Champaign, Illinois

August' 2022 – December' 2023

M.S in Computer Science

On-Campus Master of Computer Science (MCS)

Northern Illinois University, Illinois

August' 2018 – May' 2022

B.S in Computer Science (An EMPHASIS IN ENTERPRISE SOFTWARE)

Minor in Business Administration

Rolling Meadows High School, Illinois

August' 2014 – May' 2018

Carl Sandburg Junior High School, Illinois

August' 2012 – May' 2014

Awards:

3.97 GPA at Northern Illinois University

Dean's list in every semester at Northern Illinois University

Summa Cum Laude at Northern Illinois University

Technical Skills:

Programming Languages: Java, PHP, C, C++, ASP.Net, C#, XML, Python

Algorithms: Machine Learning, Deep Learning, Artificial Intelligence

Software: GIT, PyCharm CE, Google Colab, Unity

Web Technologies: HTML, CSS, JavaScript, Angular JS, React JS

Databases: Oracle, SQL Server, Mongo DB, MySQL

Operating Systems: Windows, UNIX, LINUX

Development Tools: Visual Studio, Xcode

Microsoft Office: MS Excel, MS Word, MS PowerPoint, MS Office Suite

Professional Experience:

Augmented Reality Developer Internship

3D HoloGroup, Inc. Fort Lauderdale, FL (Remote)

Jun 2023 – Nov 2023

- Assisting with day-to-day tasks and projects within my assigned department.
- Conducting research, analyzing data, and preparing reports.
- Participating in team meetings and contributing ideas and insights.
- Collaborating with team members on specific initiatives.
- Learning and applying new skills and technologies relevant to my role.
- A large focus on web development, databases, and AI.

College Projects:

- **A Reddit Clone – Pair Programming Project:** The Reddit Clone is a pair programming project that me and my partner completed using the ASP.NET framework. For this project, we used .NET's design view and the C# programming language to create an interface that looks exactly like the Reddit website or the Reddit App.
- **Karaoke Club's Database – Group Programming Project:** The Karaoke Club's Database is a project that me and my group completed using HTML, PHP, CSS, and SQL. For this project, we created a database that stores all the important information about a Karaoke Club.
- **Prisoner's Dilemma Game – Solo Programming Project:** It is a Solo programming project that I completed using the Java programming language. For this project, I created a Java representation of the very famous game known as Prisoner's dilemma.
- **Personal Portfolio Website – Solo Programming Project:** The Personal Portfolio Website is a solo programming project that I completed using HTML, CSS, and JavaScript. For this project, I created my own portfolio website.
- **Fault Tolerance Measurement – Solo Research Project:** The Fault Tolerance Measurement is a solo research project that I completed using the C programming language. For this project, I measured the fault tolerance of a Linux operating system by creating and injecting kernel module faults.
- **COPA Implementation on ns-3 – Group Research Project:** The COPA Implementation on ns-3 is a group research project that me and my group completed using the Python and C programming languages. For this project, me and my group implemented the COPA congestion control protocol on ns-3.
- **3D Reconstruction from RGB Image Captures – Group Research Project:** 3D Reconstruction from RGB Image Captures is a group research project that me and my group completed using the Python programming language. For this project, me and my used a lot of RGB images captures and generated a 3D reconstruction from them.

Work Projects:

- **Augmented Reality (AR) Headset – Augmented Reality Developer Internship Project:** Creating an augmented reality headset is a project that me and my colleagues contributed to during my internship as an augmented reality developer. We used the Unity platform and the C# programming language. For this project, me and my colleagues contributed to programming an augmented reality headset that helps people who can't speak by speaking form them.