

# Sairamasubash Muppalaneni

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## PROFILE SUMMARY

I graduated from Northern Illinois University with a Bachelor of Science in Computer Science in May 2022, and I graduated from the University of Illinois at Urbana-Champaign with a Master of Science in Computer Science in December 2023. I learned so much about software development during my studies at these two universities. I am currently looking for a full-time entry-level position or a full-time internship position to put everything that I learned to use in the real world, while growing and improving as a programmer.

## 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 |

## EDUCATION

### University of Illinois Urbana-Champaign

Master of Science, Computer Science

Champaign, Illinois, USA | Aug 2022 – Dec 2023

- On-Campus Master of Computer Science (MCS)

### Northern Illinois University

Bachelor of Science, Computer Science

DeKalb, Illinois, USA | Aug 2018 - May 2022

- An EMPHASIS IN ENTERPRISE SOFTWARE
- Minor in Business Administration

### Rolling Meadows High School

Rolling Meadows, Illinois, USA | Aug 2014 – May 2018

### Carl Sandburg Junior High School

Rolling Meadows, Illinois, USA | Aug 2012 – May 2014

## AWARDS

3.97 GPA at Northern Illinois University

3.62 GPA at the University of Illinois at Urbana-Champaign

Dean's list in every semester at Northern Illinois University

Summa Cum Laude at Northern Illinois University

## EXPERIENCE

### Augmented Reality Developer Internship

3D HoloGroup, Inc | Fort Lauderdale, FL, USA | Jun 2023 – Nov 2023

### Augmented Reality (AR) Headset

Augmented Reality Developer Internship Project | 3D HoloGroup, Inc

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.

- 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.

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## COLLEGE PROJECTS

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### A Reddit Clone

Pair Programming Project | Northern Illinois University

- 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 | Northern Illinois University

- 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 | Northern Illinois University

- 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 | Personal 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 | University of Illinois at Urbana Champaign

- 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 | University of Illinois at Urbana Champaign

- 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.

### Ticketing Website

Group Programming Project | University of Illinois at Urbana Champaign

- The ticketing website is a group programming project that me and my group completed using CSS, HTML, and JavaScript. For this project me and my group implemented a ticketing website similar to ticket master.

### 3D Reconstruction from RGB Image Captures

Group Research Project | University of Illinois at Urbana Champaign

- 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 group used a lot of RGB images captures and generated a 3D reconstruction from them.