

SUMMARY

Programmer and software development enthusiast proficient in C/C++ and C# .NET technologies. Experienced in using agile methodologies and modern design patterns. **Graduating in December 2017.**

EDUCATION

Master of Science **University of Florida** **Spring 2016 – Fall 2017**

- Majoring in Computer Science. GPA: 3.77. *Graduating in December 2017*
- Coursework includes Advanced Data Structures, Programming Language Design, Database Systems Management, Human Computer Interactions, Affective Computing, Dialogue Systems(NLP), Natural Language Processing
- Active Mentor, Gator VR Club; Academic Achiever Award, 2016;

Bachelor of Technology **Jaypee University of Engineering. & Tech.** **Fall 2012 – Fall 2015**

- Major in Computer Science. Cumulative GPA: 7.8.
- Coursework: Data Structures, Computer Graphics, Data Mining, Software Engineering Practices, Algorithms.
- Project nominated for “Student game of the year”, Nasscom National Game Developer Conference, 2015.

SKILLS AND LANGUAGES

Languages: C, C++, C#, Java, PL/SQL (Oracle 11g, SQL server), javascript;

Technologies: Unity3D, .NET (WPF,WCF, Winforms), mono, ASP.NET, RESTful APIs, Entity Framework, LINQ

Tools: Git, Gerrit, Cmake, Jenkins(CI), Bash scripting, PowerShell, Visual Studio, Latex.

EXPERIENCE

Summer Intern, SDK & Tools **Magic Leap**, Plantation, FL, USA **Summer 2017**

- Worked on developing dev tools and Implementing integration test suite applications using Unity3D & C#.
- Worked on enhancing build automation for SDK artifacts along with verifying APIs using C# .NET (mono) reducing required manhours for testing by 50%.

Graduate Research Assistant **University of Florida**, Gainesville, FL, USA **Fall 2016 – Spring 2017**

- Taught a course on scripting in C# for Unity3D and Game Software Design to over 80 students (spring ‘17).
- Worked for **Virtual Experience Research Group** during fall’16. Implemented simulated therapy solutions for a project funded by UF dept. of VA. Implemented analytical database using SQLite & C# in Unity3D.

Android Trainee **Oxient Technologies**, Noida, India **Summer 2015**

- Implemented revised xml layouts and web-service interactions for an android enterprise application.

Intern **Reliance Games**, Pune, India **Winter 2014**

- Collaborated with software engineers and QA to profile Issues on an ongoing project.

RECENT PROJECTS

Know Your Country- REST API - **C#, ASP.NET core, EF** **Summer 2017**

Lead developer for RESTful API web service providing information fetched from government portals.

Java/ASM based Compiler using Visitor Design Pattern - **Java, ASM, JVM ByteCode** **Spring 2017**

Wrote a scanner, top-down parser and type checker using visitor design to implement a compiler.

Furniture AR – Rating tool using Augmented Reality - **C#, Unity, SQLite** **Fall 2016**

Built to conduct an HCC study, determining impact of AR on product brochures for virtual furniture in real space.

Virtual Environment for Therapeutic Solutions - **C#, Unity, .NET WPF** **Fall 2016**

Implemented evaluation metrics database in Unity and external therapist panels using WPF (.Net).

SpeakBuy – Voice Enabled Bot for Shopping - **Android, RESTful API** **Fall 2016**

Implemented spoken dialogue system with language processing capabilities for Android devices using java.

HCI's Kitchen – Augmented Reality - **C#, Unity, Vuforia SDK** **Spring 2016**

Developed a mobile application to enhance food ordering experience using augmented reality solutions.

Rush VR for Google Cardboard - **C#, Unity, Google Cloud API** **Fall 2015**

Developed a game using Google Cardboard SD to conduct a study on constrained VR motion.

DevMatch – Team Finder for Student Developers - **php, MySQL, javascript, HTML5** **Fall 2014**

Developed within 24 hours for a hackathon using php and MySQL at backend. Selected as best database design.

ADDITIONAL EXPERIENCE AND AWARDS

Senior Mentor, GatorVR: Virtual Reality Developers club at University of Florida

Nominee, Top 5, Student Game of the year: Nasscom Game Developer Conference 2015, Pune, India