

# Sri Amin

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## PROFILE SUMMARY

- 2.5 years' worth of experience in computer science and information systems
- Honors Bachelor of Computer Science, 3.82 GPA
- Analytical and efficient with allotted time
- Worked in a collaborative agile environment.
- Proficient in mobile development with React Native, iOS, Android, and Web.
- Experienced with RESTful API, MVC, and MVVM

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## SKILLS

### Programming Languages

- JavaScript / HTML / CSS
- Objective – C
- C++ / C#
- Python
- Swift
- SQL
- Java

### Tools

- Unity
- Unreal
- Xcode
- Android Studio
- Git
- JIRA
- PostgreSQL

### Libraries and Frameworks

- React Native
- React
- NodeJS
- Firebase
- RESTful API

### Platforms

- iOS
- Android
- AR/VR Development

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## WORK EXPERIENCE

### VR Software Engineer Internship

January 2022 – December 2022

#### Marion Surgical : New York

- Delivered and optimized VR implementations using Unreal and Unity Engine for a surgical simulator, resulting in a 50% increase in training efficiency compared to traditional methods.
- Explored and integrated user data storage and authentication for 200,000+ simultaneous users.
- Contributed towards the surgical simulator project which received a \$800,000 grant from Epic Games
- Collaborated with a team of engineers to create interactive 3D models for surgical simulator, resulting in a 75% reduction in training costs by eliminating need for expensive physical models.

### iOS Applications Developer Internship

January 2021 – December 2021

#### CloudDx : New York

- Collaborated with cross-functional teams in SCRUM meetings to develop and deliver an innovative iOS project utilizing CoreBluetooth, enabling transmission of vital signs from a BLE device to a mobile device.
- Implemented efficient coding practices and optimized performance of the iOS project, resulting in a 20% reduction in data transmission latency and improved user experience to diagnose up to 15 diseases.
- Adapted and learned Objective C to develop implementations two weeks before start date.
- Appreciated by the CEO for contributions and results that went beyond their expectations.

### React Native Applications Developer Internship

May 2020 – August 2020

#### AuroPay (Talam Pay) : India

- Developed and implemented a secure React Native application that streamlines payment transaction process for Auroville resulting in 50% reduction in transactions time for 150+ business units.
- Conducted user testing sessions and incorporated feedback to continuously enhance the application's user experience leading to a customer satisfaction rating of 95%
- Collaborated with cross-functional teams to go over requirements to ensure a seamless experience.
- Complemented by Senior Developer for efforts, communication, and contribution to the project.

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## EDUCATION

### **Honors Bachelor of Computer Science (Mobile Computing)**

2018 – 2022

Worked on an extensive full stack mobile application capstone project for a year that uses AR to create tutorials that teach users how to build a computer. Graduated with an honors GPA of 3.82.

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## EXTRA CURRICULAR

### **Online Course Certificates**

May 2020 – August 2020

#### **Harvard University / edX : Remote**

Learned about several aspects of computer science through Harvard's free online courses, content related to Artificial Intelligence with algorithms and data structures, game development, and react native development were taught and applied through several projects. Achieved a minimum of 87% among the courses.

### **Apps and Entrepreneur Mentor**

February 2023 – Present

#### **Apple / Career Education Council : Remote**

Taught and mentored about 5 students about Swift and app development using Xcode. Students start the program with a project idea and complete it at the end of the program. My role was to guide and help any students in need.