Amr Saleh

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SUMMARY

I'm a software engineer who specializes in developing web and mobile apps backed by the cloud. I have a strong background in frameworks like Angular and Ionic 4, and by extension I have a deep understanding of JavaScript and TypeScript. I also have experience in creating machine learning models using Python and TensorFlow. I have a desire to become outstanding in a technical field and excel in a position that allows me to grow and develop.

EDUCATION

Rutgers University   New Brunswick, NJ

Bachelor of Science – Computer Science   *May 2018*

Stevens Institute of Technology   New Brunswick, NJ

Master's in Computer Science   *Currently Attending*

RELEVANT COURSE WORK

- **Introduction to Artificial Intelligence:** Machine Learning, AI, Neural Networks, Python and TensorFlow.
- **Software Methodology:** Design Patterns, Java, JavaScript, Mobile App development.
- **Principles in Data and Information Management:** Database management systems, SQL, HTML, CSS, JSP.
- **Discrete Structures I & II:** Discrete Mathematics, Set Theory, Combinatorics, Probability, Statistical Analysis.

EXPERIENCE

Arcane Reality   Piscataway, NJ

Virtual Reality Developer – Intern   June 2016 – July 2017

- Implemented features into VR applications and games using C# and C++
- Developed projects in Unity and Steam VR for the HTC Vive and Oculus Rift for technical demos and educational purposes.

The Georgian Society   New Brunswick, NJ

Treasurer   May 2017 – May 2018

- Managed a ledger, drafted an annual budget, filed property taxes, and handled loans.

Reach Concierge   New York, NY

Media Support Analyst   October 2018 – Present

- Acted as a consultant for development on a mobile app using Java/Spring, Ionic 4, PostgreSQL and Angular.
- Implemented analytics, app messaging and notifications using Firebase and Google Cloud Platform.

PROJECTS

Seeker App

- I'm currently developing a mobile app for connecting students to tutors.
- Seeker is a progressive web app built using Angular, Ionic 4 and Firebase.
- Using Google Cloud Platform, I implemented data storage, user authentication, and analytics.

TECHNICAL SKILLS

- Languages/Frameworks: Java, Python, C, C#, C++, Rust, JavaScript, Typescript, Angular, Ionic 4, TensorFlow.
- Software tools: Git, Bash, Docker, Google Cloud Platform, WordPress, Firebase, Microsoft Office Suite, Unity3D.