

# Amr Saleh

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<http://amrsaleh.me> (under construction) | <https://github.com/amrnator>

## SUMMARY

Ambitious graduate in computer science with experience in software development, team communication, and various development tools. I'm technologically savvy with outstanding coordination and communication skills, as well as a desire to learn and improve in a technical field. I have an in-depth understanding of object-oriented programming languages, and am able to create custom libraries and classes for specific tasks and projects in Ruby on Rails, Java, C#, Python and SQL

## EDUCATION

### Rutgers University

New Brunswick, NJ

*Bachelor of Science – Computer Science*

*May 2018*

## RELEVANT COURSE WORK

- **Introduction to Artificial Intelligence:** Machine Learning, AI, Neural Networks, Python and Tensorflow
- **Software Methodology:** Design Patterns, Java, Scala, Object Oriented Programming, Android development
- **Seminar in Computational Citizen Science:** Digital storytelling, Public participation in computing
- **Principles in Data and Information Management:** Database management systems, MySQL, SQL, NoSQL HTML, CSS, JSP, ASP.NET.
- **Internet Technology:** Computer Networking, TCP/IP, Firewalls, Network Security, Python, C++

## PROJECTS

### Digital Story Telling Research Project

- A simple puzzle game where the player influences the behavior of intelligent agents, rather than directly control them.

### Seeker App

- A simple mobile app where users can find tutors for certain skills. I worked on the Ruby on Rails backend of the app and configured the databases schema.

## PROFESSIONAL EXPERIENCE

### Arcane Reality

Piscataway, NJ

*Virtual Reality Developer – Intern*

June 2016 – July 2017

- Implemented features and design patterns into VR applications and games using C# and C++
- Became experienced using the Oculus Rift and HTC Vive in conjunction with Unity and Steam VR
- Educated other interns and managed them during projects

## EXTRACURRICULAR EXPERIENCE

### The Georgian Society

New Brunswick, NJ

*Treasurer*

May 2017 – May 2018

- Acting financial advisor of a one-million-dollar non-profit

## TECHNICAL SUMMARY

- Programming Languages: Java and XML, JavaFX, Python, C, C#, C++, Kotlin, JavaScript, NoSQL, MySQL, SQL
- Software tools: Git, Bash, Unity 3D, Blender 3D, Tensorflow, Ruby on Rails, HTML/CSS, Node.js, React Native