

MATHEESAN MANOKARAN

Contact

 647-739-2505

 mathee25@hotmail.com

Skills

Proficient with:

Java • SDLC • Python • HTML • CSS •
UML • MySQL • **Android Studio** • JSwing
• Unity • VHDL • Git • Netbeans • Eclipse
• XML • C++

Experience with:

Node.JS • Oculus Rift VR • Leap Motion
API • AWS • OpenCV (Python) • Google
API • PostgreSQL • Bootstrap • SASS • C •
Postman • HTTP

Education

Ryerson University

B.Eng. in Computer Engineering

Expected 2019 | Toronto, ON

- Software stream
- Engineering Management specialization

Links

 devpost.com/matheesan25

 github.com/matheesan25
github.com/Matheesan2113

 linkedin.com/in/matheesan

Interests

- Swimming
- Watching Basketball (Raptors)
- PC FPS Games
- Harry Potter & Game of Thrones
- Consuming most popular anime + manga
- Buying or selling cool technology

Projects

Asteroid VR | C#, Unity, Maya

January, 2017 | Deltahacks | Hamilton, Ontario

- Using 3-D assets, we created a fun VR game that smashes asteroids away
- Most demonstrations at Deltahacks
- Used Oculus Rift VR machine on alienware to create demo
- Incorporated the use of Leap Hand Motion sensor using Leap API

Benign | Python, OpenCV, Java, Android Studio

February, 2017 | Qhacks | Kingston, Ontario

- Created an application that scans an existing image or freshly taken picture to detect likeliness that a mole on skin would be from cancer
- Used Neural networks as a tool for machine learning on back-end
 - Accomplished through Python and OpenCV
 - Used ~150 sample images from medical records to feed server differences between benign and malignant moles
- On Android, created the front end that connects to our API to provide a neat UX

Experience

Software Integration Engineer Intern - Avaya (Zang)

May 2017 – Present

- Testing of cloud based and premise based software
- Defining test strategies
- Developing programs to test RESTful API
- Writing manual and automated test scripts
- Validating software fixes, analyzing logs for debugging, summarizing testing results
- Reviewing customer documentation and making presentations on new features

Supervisor / Coach / Instructor – Royal Life Saving Society

September 2013 – Present

- Worked part-time as multiple roles for the City of Markham
- Trained and work at three different pools within Markham
- Provided weekly plans and feedback for myself and other staff as well as guidance as a senior employee
- Provide evaluations thrice a session to improve staff effectivity and efficiency
- Provided training plans as a coach and participated with students at lifesaving events
- Received award: President's List 2016 from Royal Lifesaving Society