RIFDHAN NAZEER
>> Fourth-Year Computer Engineer

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>> SKILLS

Languages
- JavaScript (ES6) `4 Years`
- Python `1 Year`
- Golang `1 Year`
- Java `6 Years`
- C, C++ (STL) `4 Years`

Platforms
- macOS, Linux, Windows
- Electron, Web
- Android, React Native
- Docker, Cloud

Libraries + Tools
- Electron, NodeJS, React
- Docker, containerization
- RESTful APIs, JSON, networking
- AWS, Google Cloud Platform
- OpenCV, OpenGL
- Version control (Git, SVN)

>> EXPERIENCE

Software Engineering Intern (Full Stack)
Amium, Palo Alto, California
May 2016 - April 2017
- Earned manager's praise for flexibility while working across broad codebase, regularly switching between front and back-end code
- Independently constructed a new microservice (server-side Golang Docker container and client-side React components)
- Coordinated with engineering team to restructure product for new target user base, working closely with other engineers
- Proposed several design ideas which were incorporated into final product

USRA/UTEA Research Intern
Prof. Steve Mann's Lab, Toronto, Ontario
Summer 2014 & Summer 2015
- Received Meta CFO's praise for augmented reality finger-painting app, built in one week
- Designed demos for Augmented World Expo 2015, participated in Professor's presentation

>> EDUCATION

Bachelor of Applied Science (B.A.Sc.)
University of Toronto, Toronto, Ontario
2013 - Present (Expected Graduation May 2018)
- 4.0/4.0 GPA, with 90% average in Fall 2017 term
- Ranked 4th among students in same department/year
- Received Dean's Honours award in all years of study
- Grades: 99% - C++ | 94% - Operating Systems | 93% - Algorithms/Data Structures | 93% - Machine Learning

>> PROJECTS

Sept 2017 - Apr 2018
Machine Learning Capstone Project - Python
- Worked on a GAN model that regenerates data lost in JPEG compression, open-sourced
- Won the Gordon Slemon award, selected as one of the best projects in the department

August 2017 - Present
BeanFinder - Java, Golang
- Service for finding nearby coffee products
- Developing Android app and Golang backend by myself, coordinating with design team

June 2014 - Present
7 Android Apps - Java `18000+ installs`
- Authored 7 apps, average rating over 4 stars
- Apps incorporate Google Analytics, AdMob, data management, linear algebra, and more

August 2017
Music Downloader - JavaScript | Electron
- Built an Electron desktop app to download audio from YouTube, and present user with options to embed metadata and album art

June 2016 - Present
Discord Messenger Bot - JavaScript `60+ servers`
- Built a public Discord bot, hosted on Google Cloud, featuring music, items, and statistics

May 2017 - Present
2 NodeJS Packages - JavaScript `200+ dl/mo`
- Built 2 open-source NodeJS packages, with unit tests and automated deployment

January - April 2015
Map Tool (University Project) - C++ | OpenGL
- Led team of three to develop a GIS in C++
- 7th-best solution for Travelling Salesman

>> LINKS

individual.utoronto.ca/rifdhannazeer   ca.linkedin.com/in/rifdhan   github.com/Rifdhan
medium.com/@rifdhan   https://play.google.com/store/apps/dev?id=8395410339693865077