

AHMED SHAIKH

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St. John's, NL

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EDUCATION

- Memorial University of Newfoundland** St. John's, NL
Bachelor of Computer Engineering, Academic Term 8, Co-op Program *Expected Graduation: Apr 2023*

WORK EXPERIENCE

- Front-End Development Intern** Sep 2022 – Dec 2022
Microsoft – Nuance Communications Montreal, QC
 - Developed the micro front-end architecture of Nuance enterprise applications using React, Typescript
 - Improved accessibility of applications using Storybook and reliability of code using Playwright and Jest
- Data Science Intern** Jan 2022 – Apr 2022
Hatch Ltd. St. John's, NL
 - Worked with the Data Science team to develop 3 ML models for reducing emissions of the largest oil platform
 - Assisted in development of scenario simulation and model autotuning features; promoted Agile methodologies
 - Architected a computer vision system on Azure to detect fare evasions and public behavioral patterns
 - Enforced DevOps in the design with staging/release pipelines for CI/CD, Microservices architecture, and Docker
- Software Developer** May 2021 – Aug 2021
Nasdaq Inc. – Verafin Toronto, ON
 - Worked in the Verafin CloudOps team to expand Verafin's Microservices architecture
 - Modified Terraform modules and JUnit tests to ensure infrastructure consistency
 - Optimized EC2 QA server configs and used PostgreSQL queries on customer DBs for efficient data management
- Software Engineer** Oct 2020 – Dec 2020
SiftMed St. John's, NL
 - Worked as the sole software dev to revamp file upload and management system of web app using JS and AWS
 - Developed REST API using Swagger and Postman; transitioned back end to AWS Serverless Application Model
- Junior Software Developer** Jan 2020 – Apr 2020
Radiant360 Solutions Inc. St. John's, NL
 - Worked in an Agile team to develop the front-end of asset and risk management apps for Oil & Gas MNCs
 - Migrated web app to a new proprietary framework using React, Node, Docker, and BitBucket

EXTRACURRICULAR

Hackathon: Won first prize for "Hack for Quality" in Microsoft's 2022 global hackathon (Linux Safe Deployment)

MASY.ai: Home telerehabilitation system through 3D Computer Vision for Capstone project (Azure, Kinect DK)

ScriptIt: Lead developer of speech-to-text app for transcribing videos and searching keywords (IBM Cloud, Python, JS)

Cryptography: Simulated ciphers such as Playfair, Hill, Diffie-Hellman for encrypting text (Python, NumPy)

Leadership: Acted as the team lead of 3 design projects for university courses

VOLUNTEERING EXPERIENCE

Silver Medal — *Student Volunteer Bureau MUN*

- Awarded for 80+ hours volunteering and 6 hours professional development in a 4-month period

Mentor — *MUN Mentors Program*

- Mentored new international students on life at Memorial University

SKILLS

Microservices, Docker, Terraform, Azure, Python, Pandas, Sklearn, OpenCV, JS, React, Playwright, C++, SQL, MongoDB

INTERESTS

UI/UX, Graphic and Interior Design, Architecture, Fantasy F1, Photography, Volleyball, F.r.i.e.n.d.s, Hackernoon