

SAMAD CHAN

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EDUCATION

Bachelor of Science (4th Year)

Sept 2017 – present

Computer Science and Pure Mathematics
Memorial University of Newfoundland

WORK EXPERIENCE

Software Developer

Apr 2019 – present

Verafin Inc., St. John's, NL

- Adding features to the leading innovator of BSA/AML & Fraud detection software
- Using SQL, Java, SCSS, Marionette.js, Dust.js, JQuery, Amazon Workspaces

Chief Technology Officer and Co-founder

Nov 2018 – April 2019

Seafarm, St. John's, NL

- Developed an app using Android Studio, Java, and XML to auction fishes in Newfoundland
- Presented at Startup, NL and won the competition, raising \$1,500

Undergraduate Students Tutor

Jan 2018 – April 2019

Student Service Office, Memorial University of Newfoundland

- Taught computer science and mathematics to first-year undergraduate students

Teacher Assistant

Sept 2018 – Dec 2018

Memorial University of Newfoundland

- Worked under Dr. Daniela Silvesan, correcting papers and invigilating exams for Calculus II

PROJECTS

Portfolio Website (Personal Project)

Jun 2019 – present

A portfolio website made from scratch

- Visit at www.cs.mun.ca/~samadanc/website_prototype/
- Uses HTML, CSS (Bootstrap), JavaScript (JQuery)



For more information, [click here](#) or scan the QR Code:

Image Processing (Class Project)

Jan 2019 – Apr 2019

Multiple desktop applications implementing image processing algorithms

- Used Java GUI to implement image processing algorithms
- Implemented Intensity transformation, Histogram operations, Smoothing and Sharpening filters, Fourier transform, Edge and Corner detection, Hough transform, and Digital half toning algorithms.

Blog (Personal Project)

Dec 2018 – Feb 2019

A website that lets a user post and view blogs

- Uses Python Flask framework, HTML, CSS, and Bootstrap framework

Auction (Personal Project)

Nov 2018 – Jan 2019

A desktop application to setup an auction

- Uses Java Swing GUI

TECHNICAL SKILLS

Languages: Python, Java, C, C++, HTML, SCSS, JavaScript, XML, SQL, Verilog, ARM, MATLAB, LaTeX, R

Frameworks & Tools: Flask, TensorFlow, NumPy, Jupyter Notebook, Bootstrap, Dust.js, Marionette.js, JQuery, Query DSL API, Apache Tomcat Server, Android Studio, Amazon Workspaces

Other: Full-Stack Android, Web, and Software Development; Database Management; Data structure and Algorithm design

VOLUNTEERING EXPERIENCE

Software Developer

Jan 2019 – April 2019

Ready for STEM, Memorial University, St. John's, NL

- Honed website designing skills
- Attended weekly meetings to collaborate

Teaching Assistant

Jan 2018 – June 2018

LEARN, Brother Rice Junior High, St. John's, NL

- Taught basic computing and mathematics to refugee students from Syria
- Awarded a bronze medal from Volunteer Incentive Program, Student Volunteering Bureau at Memorial University of Newfoundland

REFERENCES

Available upon request

For more information, [click here](#) or scan the QR Code:

