# Vahid Foroughi

vahidf.work@gmail.com – vahidforoughi.com – github.com/va9id

## EDUCATION

**Carleton University**, Canada
B.Eng., Software Engineering 2019 – 2024                                        3.93 GPA
Dean's Honours List 2019 – 2024
Teaching Assistant for Computation and Programming, and Data Management (Sep 2023 – Apr 2024)

## WORK EXPERIENCE

**Versaterm** – *Full Stack Developer Intern*                                        May – Aug 2023
Developed a microservice for 9-1-1 operators to track the time to call for emergency services across cities in North America (Informix 4GL, Linux, PostgreSQL, Redis). Incorporated the microservice within two front-end applications enabling all 9-1-1 operators across North America to view routing data in real time (C#, .NET, Redis).

**Kongsberg Geospatial** – *Web Developer Intern*                                        Sep – Dec 2022
Developed new features for the web viewer of the IRIS airspace management system allowing customers to access the service from web and mobile browsers (Bootstrap, Docker, JavaScript, RabbitMQ, Sass).

**Communications Research Centre Canada** – *Full Stack Developer Intern*                    Jan – Aug 2022
Developed a REST API to cache and access geospatial data in the cloud (AWS, Docker, DynamoDB, Flask, Linux, Python, React).

**ISED Canada** – *Business Quality Analyst Intern*                                        May – Aug 2021
Oversaw the deployment, installation, and testing of SPECTRA code drops helping to better manage Canada's frequency spectrum. Formulated queries to facilitate the updating of spectrum licenses (MySQL).

**Carleton University Department of Electronics** – *Research Intern*                        Jun – Aug 2020
Designed, analyzed, and documented TX CTLE, FFE, and DFE channel equalization methods for signal responses and pseudorandom bit sequences.

## PROJECTS

**University Course Scheduler** – Github
Working as a Frontend Developer on an engineering project to develop a new scheduling tool for Carleton University that generates students different schedules based on course load (React, Python, AWS).

**Engineering Project Management System** – Github
Designed and developed a web application for professors and students to facilitate their final year project selection and registration (Java, Spring, JavaScript, Azure).

## PROGRAMMING LANGUAGES

Java, Python, JavaScript, React, C, C#, PHP, HTML, CSS, Sass, SQL, Informix 4GL

## TECHNOLOGIES

AWS, Azure, Bootstrap, Docker, DynamoDB, Flask, Git, Jira, jQuery, JUnit, Linux/Unix, MQTT, MySQL, .NET, NumPy, PostgreSQL, RabbitMQ, Redis, REST, Spring, Visual Studio