Vahid Foroughi

vahidf.work@gmail.com – Portfolio – Github – Linkedin

Ottawa, ON – Montreal, QC – Bilingual/bilingue – English – French

EDUCATION

Carleton University, Canada
B.Eng., Software Engineering 2019 – 2024   4.0 GPA
Awards: *Dean's Honours List*, *President's Scholarship*, *Faculty of Engineering and Design Scholarship*, *Chalmers Jack MacKenzie Scholarship*, *Harry S. Southam Scholarship*, *Lester Bowles Pearson Scholarship*.

EXPERIENCE

Teaching Assistant at Carleton University   Sep 2023 - Apr 2024
Assisting engineering students studying Computation and Programming, and Data Management.

Full Stack Developer Intern at Versaterm   May 2023 - 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 to view routing data in real time (C#, .NET, Redis).

Web Developer Intern at Kongsberg Geospatial   Sep 2022 - 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).

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

Business Quality Analyst Intern at ISED Canada   May 2021 - 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).

Research Intern at Carleton University Department of Electronics   Jun 2020 - 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   Sep 2023 - Apr 2024
Worked as a Frontend Developer on an engineering project to develop a new scheduling tool for Carleton University students to facilitate course selection and registration (React, Python, AWS).

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, OpenCV, PostgreSQL, PyTorch, RabbitMQ, Redis, REST, Spring, Visual Studio