FRANCESCA RAMUNNO

1807 Ironwood Cres, V2H 0A6
Kamloops, BC

250-319-9358

Franramunno@gmail.com

Franarama.github.io

www.github.com/franarama

SUMMARY AND TECHNICAL SKILLS

- A highly motivated fourth-year computing science student graduating in June 2019 with 1-year co-op experience.
- Currently working on a research project to use machine learning to detect phishing URLs.
- Passion for innovation and technology shown through personal projects and hackathons.
- Experience using git in professional software development environments.
- Proficiency with Linux developed through experience as a System Administrator.
- TRU Co-op Student of the Year 2018 award recipient.

LANGUAGES: PHP, SQL, PL/SQL, Python, Java/JavaScript, C, C#, Swift, Bash, Haskell, Prolog, R.
WEB TECHNOLOGIES: HTML5, CSS/Sass, JQuery, Bootstrap, Django, Jest, Selenium.
DATABASES: MySQL, Oracle 12C.

WORK EXPERIENCE (CO-OP)

SOFTWARE DEVELOPER (May 2018 – Sept 2018)
Greenspace Mental Health, Kelowna, BC
- Working closely with the dev team to design and build high-quality, responsive software features using HTML5/Sass, JavaScript/JQuery, Bootstrap, Django, and Selenium.
- Refactored JavaScript code to utilize webpack and follow ESLint rules where necessary and writing JavaScript tests using Jest to improve code quality.
- Participating in an Agile development environment which includes code reviews, weekly scrum meetings, and a highly collaborative environment requiring proficiency with git.

SYSTEM ADMINISTRATOR (May 2016 – Dec 2016)
British Columbia Lottery Corporation, Kamloops, BC
- Working alongside senior system administrators and programmer analysts assisting with tasks as needed such as server deployments and documentation.
- Working proficiently in a Linux environment.
- Completed numerous Red Hat Certified System Administrator (RHCSA) courses.

WORK EXPERIENCE (OTHER)

TEACHING ASSISTANT – MATHEMATICS AND STATISTICS (Sept 2017 – Present)
Thompson Rivers University, Kamloops, BC
- Assisting lower-level mathematics and statistics students with class concepts and homework questions in the TRU Math Help Centre in fall and winter semesters.

SUPPLEMENTARY LEARNING (SL) LEADER (Jan 2018 – May 2018)
Thompson Rivers University, Kamloops, BC
- Attending lectures, taking notes, being a model student, and conducting two weekly SL group study sessions for an intro programming course.

COMPUTER MENTOR
Kamloops Immigrant Services
Kamloops, BC.
Sept 2018 – Present

TUTOR
TRU Support Lab
Kamloops, BC.
Sept 2016 – May 2018

MENTOR
Discover the World of I.T. (DWIT)
Kamloops, BC.
Nov 2016

EDUCATION

BACHELOR OF SCIENCE, 4TH YEAR (Sept 2013 – Present)
Thompson Rivers University, Kamloops, BC

- Major in computing science with co-op.
- TRU Co-op Student of the Year 2018 award recipient.
- TRU Computing Science Alumni award recipient.
- Upper-level GPA: 4.08/4.33, Dean's List recognition: Fall 2015, Winter 2018.
- Graduation date: June 2019.

TECHNICAL PROJECTS

RESEARCH PROJECT

USING MACHINE LEARNING TO DETECT PHISHING URLS (Jan 2019-Present)

- Comparing efficiencies of different classification algorithms such as random forest, decision tree, and naïve bayes for detecting phishing URLs by performing data preprocessing and feature extraction.
- Using Python with scikit-learn.

PERSONAL PROJECTS

THE WALLGYM SITE (2018)
- Website for an exercise project developed by a quadriplegic individual.
- www.wallgym.ca

PERSONAL WEBSITE (2018)
- franarama.github.io

HACKATHONS

STARTUP WEEKEND KAMLOOPS (Sept 2017)
Kamloops, BC

- Worked on a team of six as team lead to create a prototype and business plan of an app that combines fashion, blogging and online shopping; placed second.
- Used HTML5/CSS, JavaScript.

GLOBAL AI HACKATHON (June 2017)
Vancouver, BC

- Worked on a team of eight to create a web-based app that pulls Instagram images and compares their hashtags to the emotions detected utilizing the Microsoft Emotion API.
- Used HTML5/CSS, JavaScript.

PROFESSIONAL PROJECTS

STYLEGUIDE PROJECT (May 18 – Sept 18)
Greenspace Mental Health, Kelowna, BC

- Working with three other developers to build reusable front-end components and apply them to existing pages and functionality while following proper coding standards and writing tests.
- Used HTML5/Sass, Bootstrap, JavaScript, Jest.

SERVER RESERVATION APP (Jul 16 – Oct 16)
BCLC, Kamloops, BC

- Independently designed and implemented a web application which increased convenience and efficiency of reserving and maintaining server environments.
- Used HTML5/CSS, JavaScript, SQL, PHP.