

PHIL LAVOIE

802-923-6296 | philip.lavoie3@gmail.com

EDUCATION

University of Vermont | Burlington, VT

Bachelor's Degree in Computer Science, Cum Laude

3.84 GPA / Dean's List - All Semesters

Cycling Team Member

May 2019

EXPERIENCE

Software Engineer

IBM / Essex Junction, VT

July 2019 – Present

- Developer for an IBM Systems hardware reporting and analytics dashboard web application.
- Interface with a team of Business Analysts and Data Scientists to enhance clients' end-to-end experience through the development of data visualization and customization features in addition to debug support.
- Introduced a UI regression testing process to verify codebase and artifact changes prior to production deploys.
- Involved with modernization projects working with cloud container, orchestration, and CI/CD technologies.
- Technical lead for an IBM business challenge team working from conception to prototype presentation on a healthcare industry service product that was awarded 1st place in competition.

Software Engineer Intern

EQUITAS Life Sciences / Essex, VT

October 2018 – January 2019

- Developer in an agile environment building patient and client facing web applications for pharmaceutical products.
- Interfaced with pharmaceutical consultants and subject matter experts.
- Introduced React components library to consolidate UI codebase and streamline new app creation.
- Built framework to provide automated end-to-end testing for company's array of applications.

Mobile Software (iOS) Engineer Intern

UVM Medical Center / Burlington, VT

September 2017 – August 2018

- Worked directly with clinicians and researchers to elicit requirements, develop, and pilot three mobile apps:
 - Pain tracking and medication scheduling app to improve patient experience and allow researchers to study the feasibility of non-opioid alternatives following stent placement surgery.
 - General hospital app for transportation finding, indoor navigation, and other resources to enhance client experience and improve hospital efficiency by lowering no-show, late, and cancellation frequency.
 - Utility app to allow ED personnel to scan QR codes on "high-risk, low-use" medical equipment and access its documentation via the hospital's secure mobile browser when an inbound patient's triage identified the need.

QA & Test Automation Engineer Intern

UVM Medical Center / Burlington, VT

May 2017 – August 2017

- Developed a test automation framework for the hospital's 500+ SaaS and in-house applications using Selenium.
- Provided on demand in-person technical support for various hospital-wide rollouts and onboardings.
- Coordinated with application analysts to facilitate user acceptance testing across IT and clinical settings.

GIS Data Development Intern

Central Vermont Regional Planning Commission / Montpelier, VT

June 2016 – August 2016

- Worked with municipalities to organize and conduct infrastructure inventories, surveys, and studies.
- Performed data collection, mapping, reporting, and visualization using ArcGIS and a SQL database.
- Automated parts of data cleaning and import process using Python.
- Enabled municipalities to apply for state grants and engage in capital planning.