

# PHIL LAVOIE

802-923-6296 | [philip.lavoie3@gmail.com](mailto: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 a cutting-edge 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 new data visualization and customization features.
- 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.
- Project lead for an IBM business challenge team working from conception to prototype presentation on a healthcare industry service product that was awarded 1<sup>st</sup> 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 test automation framework to use throughout the 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.