PHIL LAVOIE

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EDUCATION

University of Vermont | Burlington, VT
Bachelor's Degree in Computer Science, Cum Laude   *May 2019*
3.84 GPA | Dean's List - All Semesters | Cycling Team Member

EXPERIENCE

Software Engineer (Java EE, JavaScript, jQuery, React, HTML, CSS, XML Velocity, Git, Docker, Kubernetes)

IBM | Essex Junction, VT / Remote   *July 2019 – Present*

- Full Stack agile development for an hardware analytics dashboard web application.
- Converting customer and business needs into product features that optimize user success and product value.
- Interface with product stakeholders for research, planning, development, testing, and delivery of requirements.
- Optimized product deploys with Regression Testing automation and performance tracking analytics.
- Infrastructure and DevOps modernization initiatives with the latest container, orchestration, and CI/CD tools.
- Product Owner for a business challenge team working through ideation, design, development, and delivery for a health tech service product awarded 1st place in competition.

Software Engineer Intern (React, Storybook, Webdriver.io, Mocha, Chai, HTML, CSS, Git)

EQUITAS Life Sciences | Essex, VT / Remote   *October 2018 – January 2019*

- Front End / QA Development in an agile startup environment for pharmaceutical product launch strategy platforms.
- Collaborated with pharmaceutical SMEs, designers, and other stakeholders to elicit and deliver requirements.
- Streamlined new app creation and UI design by introducing a React components library.
- Built framework to provide automated end-to-end testing for the company's array of applications.

Mobile Product Development Intern (Swift, Xcode, Firebase, Adobe Creative Suite, Git)

UVM Medical Center | Burlington, VT   *September 2017 – August 2018*

- Partnered with business & clinical stakeholders to elicit requirements for the design, development, and delivery of the following 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 canceled appointment frequency.
    - Utility app to allow ED personnel to scan QR codes on "high-risk, low-use" medical equipment and securely access resources when an inbound patient's triage identifies the need.

Product Quality Assurance & Test Automation Intern (Python, Selenium Webdriver, Javascript, Git)

UVM Medical Center | Burlington, VT   *May 2017 – August 2017*

- Developed a test automation framework for the hospital's 500+ SaaS and in-house applications.
- Coordinated User Acceptance Testing with IT and clinical setting end users.
- Analyzed large volumes of application data using Python to enable data-driven business decisions.
- Provided QA and technical support for various hospital-wide rollouts and onboardings.

GIS Data Project Intern (Python, SQL)

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 data import and cleaning processes using Python.