

Work Experience

Software Engineer **Databricks** **Feb 2019 - Present**
• Workspace team

Software Engineering Intern **Mozilla** **May 2018 - Aug 2018**
• Overhauled Firefox about:crashes page by eliminating user data privacy issues and simplifying the UX
• Moved crash-stats.mozilla.com login process from Google Sign-In to OpenID Connect with Python, Django, and Docker
• Laid foundation for React migration project for github.com/mozilla-services/socorro that leverages Jest and Enzyme

Software Engineering Intern **Wealthsimple** **Sep 2017 - Dec 2017**
• Helped rebuild the Wealthsimple for Work front end into an AngularJS component-based architecture with Flow typing
• Developed new payroll management features that eliminated 8 person-hours of work per week with Ruby on Rails

Software Engineering Intern **TekSavvy** **Jan 2017 - Apr 2017**
• Created new mobile-first customer signup process to improve completion rates for web app with AngularJS and .NET
• Designed AngularJS module for horizontally scrolling navigation tabs

Software Engineering Intern **Statistics Canada** **May 2016 - Aug 2016**
• Built desktop program extension for editing tax data of over 1M Canadian partnership records with VB.NET and WPF
• Optimized ASP.NET web page for querying IIS file server and improved search time by 25%

Skills

Languages: Java, JavaScript, Scala, Python

Libraries/Frameworks: React, AngularJS

Tools: Git, Jest

Projects

PortfolioRebalancer.com - React, Redux, Node.js, Express, MongoDB, Webpack, Heroku
• Created web app for computing the exact steps needed to rebalance investment portfolios in $O(n)$ time
• Implemented real-time fetching of prices and conversion rates through the Alpha Vantage API
• Added functionality for storing custom portfolios through secure internal registration or Google OAuth 2.0
• Acquired over 3500 overall users and 190 registered users

Firefox Debugger - React, Redux, Flow, Jest
• Merged 7 pull requests and contributed to 14 issues

Education

University of Ottawa **Sep 2014 - Dec 2018**
Bachelor of Applied Science in Software Engineering
GPA: 8.3/10 (OMSAS conversion: 3.6/4)