Rhys Bower

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Technical Skills

Languages: JavaScript, C#, Python, Java, PHP, Go

Web Technologies: Node.js, React, Angular, HTML, CSS, SQL Server, MongoDB

Tools: Git, GitHub, Azure DevOps, Jenkins, JIRA

Professional Experience

RedMane Technology Canada

Software Developer   May 2018 - Present

- Reduced deployment cycle from 1 day to 5 minutes by implementing an automated deployment pipeline. **(YAML)**
- Automated over 200 hours of testing each month by developing an automated UI test system. **(C#, Selenium)**
- Increased productivity of social workers by reducing the time to process month end reports by 680 times through caching repeated database calls. **(C#, SQL Server)**
- Drove UI standardization and developed several reusable UI components for our component library. **(JavaScript)**
- Actively involved in hosting career fairs and hiring the best talent for our Engineering team.

The University of British Columbia

Teaching Assistant   May 2016 – April 2018

- Developed an assignment portal for over 4,000 students to download results and grades. **(PHP, HTML, CSS)**
- Mentored 300+ students in weekly technical labs involving design and algorithms. **(Racket)**

Software Developer   May – August 2017

- Reduced administrative overhead by integrating the university's single sign-on system using SAML 2.0 and class enrollment information pulled from LDAP to auto provision users each semester. **(JavaScript, Node.js)**
- Maintained data consistency through all components by implementing Redux as the client data model. **(React)**

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Software Developer & Co-Founder   August 2016 – July 2017

- Increased revenue through a seamless checkout flow by integrating Stripe Payments into a cross-platform iOS and Android app. **(JavaScript)**
- Enabled user purchases syncing to provide a consistent cross-device experience with Firebase. **(JavaScript)**

Side Projects

uswds-react   June 2019 – Present

- Developed responsive React components for the U.S. Web Design System. **(React)**

Onion Router   February – April 2018

- Developed a distributed onion router to protect user anonymity with Go and RPC. **(Go)**

Education

The University of British Columbia

Bachelor of Science, Major Computer Science with Distinction   September 2015 – April 2018

- GPA: 3.7//4
- Dean's Honour List Winter 2015 and Winter 2017