Alex Bisaillion

Software Developer

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Education

Bachelor of Computer Science
Software Engineering Stream
Minor in Mathematics
Carleton University, Ottawa, ON
11.71/12.00 GPA
Expected Graduation: Dec. 2020

Technical Skills

Programming Languages
JavaScript, TypeScript, C#, Java,
Python, HTML/CSS, C, C++

Frameworks
ReactJS, Node.js, .NET, ASP.NET,
JavaFX, Selenium, JUnit, Swing

Databases
MongoDB, SQL

Tools
Git, Heroku, Cloudflare,
OpenStack, Google Analytics

Operating Systems
Ubuntu, Windows

**Project Management
Methodologies and Tools**
Agile/Scrum, Jira, Confluence

Interests

- Building and using RESTful APIs that facilitate the gathering of statistics
- Development of modern web-based interfaces
- Design of recommender systems

Work Experience

Web Application Developer Co-op

Kinaxis – Ottawa, ON   **Apr. 2020 – Present**

- Develop key features of the next generation React web client of Kinaxis' RapidResponse product
- Actively participate in agile software development practices including daily standup meetings, sprint planning and retrospectives, demonstrations, and code reviews

Teaching Assistant

Carleton University – Ottawa, ON   **Jul. 2017 – Apr. 2020**

- Taught fundamental web development and object-oriented programming skills through weekly labs and office hours
- Developed highly accurate and readable solutions for class content
- Proctored and evaluated students' work in assignments and exams

Platform Developer Co-op   **Sept. 2018 – Dec. 2018,**

Kinaxis – Ottawa, ON   **Apr. 2019 – Aug. 2019**

- Decoupled RapidResponse from a third-party library by developing a new API to abstract library usage, leading to vast improvements in product performance and reductions in upkeep costs

Software Developer

InGenius Software – Ottawa, ON   **Apr. 2018 – Aug. 2018**

- Worked within the automation team to automate testing of the InGenius Connector Enterprise product
- Contributed new functionality to the automation framework to facilitate the output of automated tests

Projects

Split Scrobble Finder

- ReactJS web application developed to allow Last.fm users to find discrepancies in artists, albums, or tracks in their library

Personal Website

- Node.js RESTful Express server that proxies requests to the Spotify API to provide a detailed overview of my music listening activity
- ReactJS client-side written using HTML5 and CSS3

Local Music Manager

- A JavaFX desktop client that manages a music library, handling archive extraction, file tagging, and file I/O in Java
- Communicates to the iTunes COM interface through Python scripting