

JAMES REINLEIN

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EDUCATION

University of Ottawa
Honours BSc Computer Science (*GPA: 3.87*)

Ottawa, Canada
Graduated December 2016

SKILLS

Programming Languages Java, JavaScript (ES6), Python, Scala
Frameworks & Technologies Git, React, Redux, Elasticsearch, AWS DynamoDB,
AWS Step Functions

WORK EXPERIENCE

Amazon
Software Development Engineer I

New York, NY
May 2017 - Current

- Developed full-stack internal application, providing employees with management capabilities for metadata driving the online catalog (*Java, Scala, React, Redux*)
- Implemented comprehensive metrics solution in existing service application, providing insight into quality of catalog metadata and driving a new organization-wide initiative
- Added new functionality to which decreased time spent in the application to make changes for end users by >30%
- Identified lack of visibility in health of service and created alarms on host's health metrics and created corresponding dashboards, allowing the team to identify hosts failing silently and source of fatal bugs

Amazon
SDE Intern

Toronto, Canada
June 2016 - September 2016

- Designed and created an internal web application that communicated with other Amazon services, allowing thousands of global users to view and modify data regarding ordering and stocking policy for marketplace items (*React, JavaScript, Java, Spring*)
- Communicated with clients globally to gain better understanding of their business needs

Canadian Heritage
Application Developer / Quality Control Tester

Ottawa, Canada
May 2015 - April 2016

- Developed an automated comparison of governmental nomenclatures and implemented real-time extracts for data management
- Developed a web interface to allow clients to review and manage sets of data in accordance with the Government of Canada Web Renewal Initiative

PROJECTS

z-index-devtool <https://github.com/jreinlein/z-index-devtool>
Prototype for Mozilla Firefox's developer tools. Displays the hierarchy of a web page's DOM elements to help users understand the stacking context. (*React, Redux*)

AWARDS

Academic All-Canadian
Member of Varsity Football team while maintaining at least an 80% average.

University of Ottawa
2013, 2014

LANGUAGES

Natively bilingual (written, oral) in **English** and **French**