

JAMES REINLEIN

New York, NY · jamesreinlein@gmail.com · (929) 370-5229 · jamesreinlein.com

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

New York, NY

May 2017 - Current

- Developed full-stack internal web application, enabling employees to edit metadata which defines the schema for the online catalog (*Java, Scala, React, Redux*)
- Implemented comprehensive metrics solution in existing service application, providing insight into quality of catalog metadata and initiating a new organization-wide initiative
- Added new functionality 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 with 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**