

# 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 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**