

# Alex Zvorygin

## Software Developer

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## EXPERIENCE

### INFLUITIVE | SOFTWARE DEVELOPER, PLATFORM & SCALABILITY

May 2018 – August 2018 | Toronto, ON

- Reduced **AWS subaccount bill by 30%** by writing a spin-up/spin-down script to stop instances on the performance testing environment, using **Ruby** and Hanami CLI.
- Captured, stored, and replayed web traffic to performance test a replica of the production environment using GoReplay, **Docker**, and **AWS**.
- Found 7 and fixed 11 security issues, including **two XSS vulnerabilities**, one SQL injection vulnerability, one CSV injection vulnerability, and a broken 'Confirm Password' field.
- Owned a rework of the Edit Profile. Worked with designers, technical leads, and managers to refine tickets and tasks, and then used **Ruby on Rails** to implement.

### RANGLE.IO | SOFTWARE DEVELOPER

September 2017 – December 2017 | Toronto, ON

- Created mobile frontend using **Angular 4/Redux/RxJS** for JetBlue's checkin process following **Scrum** principles.
- Developed **MVP features** such as the fetching and display of boarding passes.
- Contributed to multiple design and architecture decisions, focusing on ease-of-modification of the existing application.
- Consulted with client-side product owner to maximize business value and delivery speed.

### KIK INTERACTIVE INC. | QA AND RELEASE ENGINEER

January 2017 – April 2017 | Waterloo, ON

- Took ownership of the quality of multiple server and clientside features of the Kik Messenger App on both iOS and Android.

### LEAGUE INC. | JUNIOR DEVELOPER, AUTOMATED TESTING

May 2016 – August 2016 | Toronto, ON

- Wrote automated functional test suites alongside backend/frontend/ops teams to co-ordinate testing, coverage, and use of continous integration.

## EDUCATION

### UNIVERSITY OF WATERLOO | BACHELOR OF COMPUTER SCIENCE, HONOURS

Third Year, expected graduation Summer 2020 | Cumulative Average: 83

- Completed the Operating Systems, Algorithms, and Object-Oriented Programming courses. Currently taking Networks and Databases.
- Familiar with C and C++ from coursework, and Java through competitive programming.

## PROJECTS

### CSV-SAFE | INFLUITIVE

July 2018 | Toronto, ON

- Published an OSS Ruby gem which decorates the Ruby CSV library to sanitize against CSV injection attacks.
- Actively being used throughout Influitive to make handling CSVs easy and safe.

### SECURITIES TRADING BOT | JANE STREET ETH WATERLOO

January 2016 | Waterloo, ON

- Created a Node.js bot that used market trend analysis to generate consistent returns on a simulated trading market.