

# Jameson Yu

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## SKILLS

### Languages:

C/C++ • Python • jQuery  
JavaScript • Perl • Assembly

### Frameworks:

Node.js • AngularJS • ReactJS • Android

### Software:

• MongoDB • CouchDB  
Android Studio • Socket.IO  
Bluemix • MYSQL

## EDUCATION

### UNIVERSITY OF WATERLOO

CANDIDATE FOR BACHELOR IN

SOFTWARE ENGINEERING

Term 3A | Expected 2018

## LINKS

Github: **NullCodex**

LinkedIn: **Jameson Yu**

Blog: **Jamesonyu.wordpress**

Website: **jameson-yu.co**

## VOLUNTEERING

- Youth Leader responsible for learning and reporting Youth Health Diseases
- Youth volunteer responsible for drink and water supply at Waterloo Marathon
- Summer Camp Assistant at the Guelph Cambridge Chinese Alliance Church

## EVENTS

Competed in Hack The North, 2015

Participated in IBM CASCON

Hackathon, 2015

## EXPERIENCE

### IBM | SOFTWARE DEVELOPER

September – Present | Markham, ON

- Improved security of Bluemix applications by implementing authentication and authorization
- Made Bluemix applications friendlier by implementing various API features
- Cut down the number of database calls by more than half by modifying the database model
- Investigated and fixed defects against a backend Java EE framework
- Fixed various API defects using Javascript and Node.js
- Improved testing infrastructure along with creating functional scenario tests from scratch using Tap
- Optimized development environments using docker images and shell scripts

### BLUECOAT | QUALITY ASSURANCE ENGINEERING

January 2015 – April 2015 | Waterloo, ON

- Designed and created an online diff tool for the company automation website using jQuery, JavaScript, HTML, CSS and the Perl framework Dancer
- Fixed broken automated tests in Perl and C++ codebases
- Created additional test coverage for the company security device ProxySG

### BLUECOAT | QUALITY ASSURANCE ENGINEERING

May 2014 – August 2014 | Waterloo, ON

- Implemented automated test coverages for the administrative tool Management Center through the use of Perl and JSON
- Completed User Stories and verified bugs and defects using Rally and Bugzilla
- Deployed new OVA templates to create virtual machines

## PROJECTS

To see more check out my Github

### PERSONAL TEXT EDITOR

- Built using PYQT and Python
- Capable of compiling Python, C++, C code and returning their respective outputs including standard out and err
- Implemented syntax highlighting for C++ and Python code

### PRIVATE CHAT ROOM

- Built an online chat room using Express, MongoDB, Node.js, JavaScript, Socket.IO, jQuery, EJS, HTML and CSS
- Deployed on Heroku

## ACHIEVEMENTS

2015 Ranked in the top 30% of all Software Engineering student for 2B

2013 Top 25% in the Canadian Senior Mathematic Contest