

# Seikun Kambashi

## Technical Skills

### RECENT

C#, C++, .NET, Love2D,  
Visual Studio, AWS, Bash,  
Git

### ALSO WORKED WITH

C, Java, Javascript, Lua,  
Scala, Spark, Hadoop,  
Django, d3.js, MongoDB,  
MySQL

## Education

### UNIVERSITY OF WATERLOO

CANDIDATE FOR BACHELOR  
OF SOFTWARE ENGINEERING  
SEPTEMBER 2013 - APRIL 2018

## Interests

Data science, video games,  
machine learning, wearable  
tech, rock climbing, guitar

## Contact

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## Work Experience

### MICROSOFT, TOKYO - SOFTWARE ENGINEERING INTERN

SEPTEMBER - DECEMBER 2015

- Designed and implemented account linking on Docs.com, giving non-Microsoft users access to services like Sway
- Iterated on account linking feature in order to improve code quality by refactoring, documenting, and adding unit tests

### PLACEIQ, NEW YORK - DATA SCIENCE INTERN

JANUARY - MAY 2015

- Extracted and transformed geospatial data used in analysis pipelines
- Processed terabytes of data through Spark using distributed machines for various client campaigns
- Wrote automated jobs used in production for processing billions of mobile requests

### HANSA, TORONTO - SOFTWARE ENGINEERING INTERN

APRIL - AUGUST 2014

- Designed and implemented database schematic changes for improving data consistency and removing redundancy
- Implemented a REST API on Django for client-side applications
- Developed tools for generating reports and visualizations saving 50+ hours of labour each week

## Recent Projects

### SUSHI NINJA, WATERLOO - GAME

JUNE 2015

- Multiplayer game where players compete to collect the most sushi
- Made using a Lua game framework and 3rd party libraries
- Won the *most polished game award* at the Spring 2015 GI Game Jam

### STREETSAVVY, NEW YORK - WEB

MARCH 2015

- A routing app for finding the safest routes within New York City
- Built using OpenStreetMap data in conjunction with historical crime data
- Won *visualization award* at Data Hackathon 2015 jointly organized by Cornell and Columbia

### TWIT2GIF, NEW YORK - WEB

FEBRUARY 2015

- Matches tweets to movie subtitles by sentence structure, and serves corresponding captioned gif
- Used IBM Watson's API to analyze and index movie subtitles, and ffmpeg to render the gif
- Won the *funniest hack award* at HackCooper held at The Cooper Union school