

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
- Worked on improving codebase 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