Seikun Kambashi

Technical Skills

RECENT

C#, C++, Python,
Java, .NET, Love2D, Vim,
Visual Studio

ALSO WORKED WITH

C, Javascript, LaTeX, Lua,
Scala, Spark, Django, AWS,
Bash, Git

Education

UNIVERSITY OF WATERLOO

3B Software Engineering
SEPTEMBER 2013 - APRIL 2018

Interests

reading, game dev, data
science, rock climbing,
football, guitar

Contact

github.com/skambashi

linkedin.com/in/skambashi

seikun@kambashi.com

Work Experience

MICROSOFT, SOFTWARE ENGINEERING INTERN
TOKYO | 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, DATA SCIENCE INTERN
NEW YORK | 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, SOFTWARE ENGINEERING INTERN
TORONTO | 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 using d3.js saving 50+ hours of labour each week

Recent Projects

SUSHI NINJA, VIDEO 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, DATA VISUALIZATION
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, BROWSER EXTENSION
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