

Seikun Kambashi

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Technical Skills

RECENT:

- **Languages:** Python, Scala
- **Frameworks:** Spark
- **Tools:** AWS, Bash, Git

ALSO WORKED WITH:

- **Database:** MongoDB, MySQL
- **Languages:** C, C++, Java, Javascript
- **Frameworks:** D3.js, Django, Node.js

Work Experience

DATA SCIENCE INTERN, PLACEIQ | MANHATTAN, NY

JANUARY 2015 - PRESENT

- Asses quality of datasets by using statistical metrics and visualizing data in a format that is easy to interpret
- Run ad-hoc data processing jobs on EMR clusters for various client campaigns
- Process and analyze terabytes of data using Spark to extract meaningful models and observations
- Write, automate and test data pipelines used in production for processing billions of phone requests and logs

SOFTWARE ENGINEER INTERN, HANSA LANGUAGE CENTRE | TORONTO, ON

APRIL 2014 - AUGUST 2014

- Designed and implemented schematic changes and data migrations to MySQL database through Django, improving data consistency and removing redundancy
- Developed automatically generated reports (using ReportLab, Platypus and NVD3), which improved consistency and saved 50+ hours of labour each week
- Implemented a RESTful API using the Django-Tastypie library to transfer data to the client
- Implemented online payment structure which made international transfers possible without costly transfer fees

Personal Projects

STREETSAVVY, WEB

- A routing app for finding the safest routes from one point to another within New York City
- Built using CartoDB and OpenStreetMap data joined with historical crime data
- Won visualization award at Data Hackathon jointly organized by Cornell and Columbia universities

TWIT2GIF, WEB

- Matches tweets to movie subtitles by sentence structure, and serves corresponding captioned gif
- Uses IBM Watson's Relationship Extraction api to analyze and index thousands of subtitles, and ffmpeg to render the gif
- Won the funniest hack award at HackCooper held at The Cooper Union school

UWALLET, ANDROID

- Displays Waterloo student card (WatCard) information such as balance and transaction history
- Worked on interactivity between fragments and securely storing user information
- Won 2nd place at EngHack sponsored by University of Waterloo's Engineering Society

Extracurriculars

CLUB PRESIDENT, SINCLAIR COMPUTER SCIENCE CLUB | WHITBY, ON

2012 - 2013

- Created and managed computer science club
- Organized Python lessons, programming competitions and club meetings

Education

CANDIDATE FOR BACHELOR OF SOFTWARE ENGINEERING, UNIVERSITY OF WATERLOO | WATERLOO, ON

2013 - 2018

Interests: Machine learning, data science, wearable technology, rock climbing, soccer, guitar, hackathons