Minkang Paul Suk

paul.suk@mail.utoronto.ca • (206) 739–8109 • https://github.com/paulsuk

TECHNICAL PROFICIENCY

Experienced with: Java, Python, Javascript, PostgreSQL, Ruby on Rails, Elasticsearch
Knowledge of: C, Objective-C, Android, Tensorflow, Pandas

WORK EXPERIENCE

SDE Intern || Amazon.com – Alexa Music Search   *May 2018 – August 2018*

- Developed an internal dashboard tool to monitor the services managing the music catalogs for all third party providers and skills, improving the operational excellence of team
- Implemented a credentials manager to allow access to all AWS services in all regions without switching credentials
- Designed tools that addressed **61% of all tickets** assigned to team
- Time that engineers need to spend on tickets **reduced from 30 minutes to > 5 minutes** per ticket

Software Intern || Evichat   *October 2017 – May 2018*

- Developed natural language understanding tools for processing and analyzing social media message data for legal cases (Python)
- Won first place at the Legal AI Challenge, sponsored by the Ontario Ministry of the Attorney General, winning $40, 000 in seed funding

SDE Intern || Amazon.com – Personalization Team   *May 2017 – August 2017*

- Developed a service to improve recommendations and search results for supplements and vitamins, serving over 10 000 queries per week
- Developed a similarity algorithm to improve precision of search query NLU using a word2vec model

LEADERSHIP

Technical Director || You're Next Career Network   *March 2018 - Present*

- Led a team of 5 developers, 2 designers, and 2 content developers to redesign and improve yourenext.ca, which receives over 60,000 yearly page views from students and employers
- Met with stakeholders to establish requirements, develop technical specs, and timelines
- Provided technical guidance in the architecture of new pages and services being created
- Redesign resulted in significantly improved value of the website as shown by:
  - Reduced bounce rate from **73% to 40%** over a week period during peak time
  - Increased average session duration from 1m 04s to 1m 55s, an increase of **80%**
  - Increase in page-views of **73%** despite only increasing unique sessions by 5%

EDUCATION

B.A.Sc – Engineering Science (Robotics) || University of Toronto

Expected Graduation: June 2019
Cumulative GPA: 3.6/4.0

INTERESTS

Watching the BlueJays struggle in the AL East, advancing my karaoke career