Yelim Kim

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Education

Degree: Master of Science, University of British Columbia (UBC) — Jan 2018-Jan 2020 (Expected)
Program of Study: Research Master of Science in Computer Science
CGPA: 3.93 / 4.0
Supervisors: Dr. Dongwook Yoon, Dr. Joanna McGrenere

Degree: Honours Bachelor of Science, University of Toronto — Sep 2011-Aug 2016
Program of Study: Computer Science Specialist and Statistics Minor
CGPA: 3.69 / 4.0 (Graduated with **High Distinction**)

Human-Computer Interaction Research Experience

Design Implications for Natural Voice User Interface (VUI), University of British Columbia — Jan 2018-Present

Funded by the Natural Sciences and Engineering Research Council of Canada (NSERC) and the UBC Faculty of Science

- Writing a full paper for Designing Interactive Systems Conference
- Designed and conducted an entire qualitative study, including a semi-structured interview, survey, and user task
- Using the purposive sampling method, recruited and interviewed VUI designers working for corporations of various sizes (1-49 employees to +5,000 employees)
- Through a thematic analysis, uncovered designers' perceptions of 'natural' VUIs, and their current challenges in creating natural VUIs
- Created design implications to help designers create natural VUIs

Smart Washer VUI for Samsung, University of British Columbia — Jan-Jun 2018

Supervised by Dr. Rock Leung, user experience researcher at Samsung, and Dr. Karon MacLean and Dr. Dongwook Yoon from UBC

- Interviewed and surveyed smart speaker and smart home appliance users to understand their need for voice interactive home appliances

- Created a VUI prototype for a smart washer by following the design thinking process
- Worked closely under the supervision of a senior UX researcher at Samsung alongside a team of Ph.D. students

Asynchronous PDF annotation tool for students, University of Toronto — Jan-Apr 2016

Supervised by Velian Pandeliev, Ph.D. candidate from U of T

- Selected as a research student to work on a project from Undergraduate Capstone Open-source Projects (UCOSP)
- Extended an open-source project from MIT, 'NB' to create a PDF annotation tool to be deployed in a real-education environment to understand students' collaboration behaviors through user experiments

Work Experience

Research and Teaching Assistant, University of British Columbia — Jan 2018-Present

- Designing and conducting qualitative and quantitative research projects under the supervision of Dr. Dongwook Yoon and Dr. Joanna McGrenere
- Led two tutorials per week for CPSC 100 (Computational Thinking) course for two semesters

Full-stack Intermediate Software Developer, Index Exchange, Toronto — Oct-Dec 2017

- Designed and developed complex global ad serving platforms
- Created database systems using PostgreSQL and MongoDB
- Designed and built web applications using Express, Node.js and ReactJS
- Implement a monitoring system using Zabbix

Junior Software Developer, Index Exchange, Toronto — Jan-Oct 2017

System Integration Engineer, Index Exchange, Toronto — Sep 2016-Jan 2017

Teaching Assistant, University of Toronto — Jan-May 2014

Software Developer Intern, Proofpoint, Toronto — May 2014-Sep 2015

Programming Projects

Index Exchange hackathon 2nd place winning project

Picture of the prizes: https://bit.ly/30C5YM0

- Created an ad serving application using sentiment analysis and face recognition technologies, and won prizes worth $1,600 CAD

Undergraduate Capstone Open-source Projects (UCOSP), University of Toronto — Jan-Apr 2014

Link to the open-source project: https://waterbearlang.com

- Selected as a UCOSP project student to work on an open-source project, 'waterbear' with Dethe Elza, programmer of Mozilla, and Michelle Craig, Associate Professor at the University of Toronto

U of T Timetable Project (Personal Project) — Jun-Sep 2013

- Built an Android application to generate optimal U of T course timetables automatically based on the users' preferences of times and courses
- This project was promoted by the Department of Computer Science at the University of Toronto, through the official Twitter and Facebook

Extracurricular Activities

VP of Logistics, Undergraduate Artificial Intelligence Group, University of Toronto — Sept 2013-Apr 2014

- Collaborated with the executive board to organize and promote events

Published Author, Jung-Ang Life Publishing, Seoul, Korea — Jun-Dec 2012

Google Book link: https://goo.gl/kSutVw

- Published a book after working and traveling in Canada, titled "Working Holiday - Know How" and sold more than 3,000 copies

Awards

KOGAS Canada LNG Scholarship, AKCSE, Canada — 2019
Dean's List, University of Toronto — 2011, 2016
In-course Scholarship, University of Toronto — 2012
Bronze Award for Copywriting, Corp.JARDIN, Seoul, Korea — 2011
Excellent Environmental Idea Award, Ministry of Environment, Korea — 2011