Shikib **Mehri**

HONOURS COMPUTER SCIENCE · UNIVERSITY OF BRITISH COLUMBIA

📱 (604)-500-8058 | ✉ mehrishikib@gmail.com | 🏠 www.shikib.com | 🐙 shikib | 💼 shikib

Work Experience

Microsoft   *Redmond, WA*
DATA SCIENCE INTERN   *Jun. 2017 - PRESENT*
- Worked on the *Windows Feedback Analysis* team, part of the Windows Core Data organization.
- Deloped a generic and re-usable framework for applying state of the art deep learning strategies to text classification problems.
- Designed and implemented a deep learning based semantic similarity model for the purposes of feedback clustering.

Facebook   *Menlo Park, CA*
SOFTWARE ENGINEERING INTERN   *Jan. 2017 - Mar. 2017*
- Worked on the *Translation* team, part of the Applied Machine Learning organization.
- Developed numerous subword models for Neural Machine Translation.
- Implemented algorithms to build subword vocabularies and to encode/decode an input sentence.
- Improved the quality of translations on Facebook by 2+ BLEU for certain language directions.

CMMT @ BC Children's Hospital   *Vancouver, BC*
BIOINFORMATICS RESEARCH ASSISTANT   *Aug. 2016 - PRESENT*
- Developed novel algorithms for read alignment on a graph based representation of a genome.
- Implemented complex bioinformatics algorithms to run efficiently on consumer-grade hardware.

UBC Computer Science   *Vancouver, BC*
NLP RESEARCH ASSISTANT   *Aug. 2016 - May. 2017*
- Completed my honours thesis with Giuseppe Carenini on the problem of thread disentanglement in multiparticipant chats.
- Leveraged novel strategies, including a weakly-supervised LSTM classifier, to attain state of the art results.
- Publication describing my novel pipeline is currently undergoing review.

UBC Computer Science   *Vancouver, BC*
TEACHING ASSISTANT   *Sept. 2014 - Dec. 2016*
- Taught CPSC 110, CPSC 213 (Computer Systems), CPSC 313 (Operating Systems) and CPSC 304 (Databases).
- Ran labs containing 30+ students, lectured in tutorials, invigilated exams, held office hours and graded assignments and exams.
- Received exceptional TA evaluations with over 75% students rating me a 5/5.

Facebook   *Menlo Park, CA*
SOFTWARE ENGINEERING INTERN   *May. 2016 - July. 2016*
- Worked on the *Ads Targeting Modeling* team.
- Developed algorithms to generate/evaluate user-interest mappings from user-page interactions.
- Constructed an incredibly accurate classification model to predict the appropriate categorization of a given interest.

IntelliMed   *Vancouver, BC*
CO-FOUNDER AND CHIEF TECHNOLOGY OFFICER   *Oct. 2015 - July. 2017*
- Co-founded a funded startup to utilize technology to improve various pharmacy workflows.
- Led developers in building an application which fully automates the process of writing pharmacy medication reviews for patients.

Arista Networks   *Burnaby, BC*
SOFTWARE ENGINEERING INTERN   *Sept. 2015 - Dec. 2015*
- Implemented functionality to detect incorrectly configured network switches.
- Developed strategies to change assignment strategies for linerate capable ports in order to decrease downtime.

Education

University of British Columbia   *Vancouver, BC*
B.SC. IN HONOURS COMPUTER SCIENCE   *Sept. 2013 - May. 2018*
- Obtained a 4.20/4.33 cumulative GPA as well as a 4.33/4.33 in-major GPA.
- Attained the Dean's List distinction every term I've attended UBC.
- Awarded the Science Scholar distinction for exemplary academic performance.

University Transition Program   *Vancouver, BC*
EARLY ENTRANCE TO UNIVERSITY   *Sept. 2011 - June. 2013*
- Completed five years of high school in two years at the age of 15, leading to an early entrance into university.
- One of 20 students to attend this rigorous, highly-accelerated program.