Milena Bukal

Computer Science Student

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<u>Skills:</u> Proficient in C++ with experience in Java, Python, Racket, Matlab

Work Experience:

Nuance Communications, Software Engineering Intern

Montreal, QC, Canada   September 2018 - present
- Working on **Mix.SDK** for developers to implement speech recognition features in **C++**
- Focused on porting SDK for use in other languages: **Java/Python/C**

Google, Software Engineering Intern

Seoul, South Korea   May 2018 - August 2018
- Was part of the Media Features Search/OSRP Infrastructure team
- Designed and developed integration for the serving flows of two search features in **C++**
- Involved coordinating with global teams for support and approval

Bioinformatic Solutions, Software Engineering Intern

Waterloo, ON, Canada   January 2018 - April 2018
- Worked on peptide mapping software for visualizing antibody sequencing data using **Java**
- Focused on fixing issues and adding usability to improve user experience

University of Waterloo, Undergraduate Research Assistant

Waterloo, ON, Canada   January 2018 - April 2018
- Attempted to represent protein structures in 3D using **Python matplotlib**: Github
- Used a simple 20 sided icosahedron approach, mapping to 20 amino acids to each face

Education:

Candidate for Bachelor of Computer Science, Bioinformatics Option

University of Waterloo, ON, Canada   September 2015 - Present
- Cumulative Average: 86.1%
- Expected Graduation: **August 2019**
- Exchange term at Yonsei University in Seoul, South Korea in Fall 2017
- Related Courses: Data Structures and Data Management, Algorithms, Operating Systems

Related Projects:

- Created a points of interest wiki for Sinchon, Seoul using MediaWiki   2017, Link here
- Moderated Humans vs Zombies at University of Waterloo   2017
- Designed a Rogue-like game in **C++** with a team, responsible for   2016, Github
  creating flexible class structures