

Milena Bukal

Computer Science Student

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Skills: Proficient in C++ with experience in Java, Python, Racket, Matlab

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

Work Experience:

Nuance Communications, Software Engineering Intern

Montreal, QC, Canada

September 2018 - present

- Working on MixSDK for developers to implement speech recognition features
- Focused on adding support for existing SDK in other languages with **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

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 creating flexible class structures 2016, [Github](#)