Milena Bukal

Computer Science Graduate

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Skills:

- Proficient in C++ with experience in C, Java, Python, Scheme
- Experience with Git, Linux/Unix environments, JetBrains IDEs, Jira

Education:

Bachelor of Computer Science, Bioinformatics Option

University of Waterloo, ON, Canada   September 2015 - August 2019

- Cumulative Average: 87.3%
- Graduated with Distinction - Dean's Honours List
- Exchange term at Yonsei University in Seoul, South Korea (Fall 2017)

Work Experience:

Nuance Communications, Software Engineering Intern

Montreal, QC, Canada   September 2018 - December 2018

- Worked on Mix.SDK in **C++**, used by developers to implement speech recognition features
- Focused on porting SDK for use in other languages: **Java/Python/C**
- Maintained a high quality of standard for documentation and coding sample

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++** affecting an estimated 2% of search traffic
- Involved coordination with teams globally 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 in **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:

- [Ray Tracing, A Waterfall](#)   Spring 2019
- Helped organize and run TerribleHack at University of Waterloo   Winter 2019
- Moderated Humans vs Zombies at University of Waterloo   Spring 2017