

Milena Bukal

Computer Science Student

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Skills

- Proficient in C/C++, Racket (Scheme) with experience in Java, Python, Matlab
- Conversational level French, Serbian

Work Experience

Software Development Intern at Bioinformatics Solutions Inc.

Waterloo, Canada

January 2018 - present

- Currently working on testing and developing protein mapping software in Java

Undergraduate Research Assistant at University of Waterloo

Waterloo, Canada

January 2018 - present

- Representing protein structures in 3D using Python Matplotlib
- Using a simple 20 sided icosahedron-based approach to match each of 20 amino acids
- Supervised by Professor Lila Kari

Language Exchange Tutor

Seoul, South Korea

September 2017 - December 2017

- Helped local Koreans practice and improve their English
- Demonstrated good interpersonal and language skills

Education

Candidate for Bachelor of Computer Science, Honours, Bioinformatics Option

University of Waterloo, Ontario

September 2015 - Present

- Cumulative Average of 86.4% (3.8 GPA)
- Current term: 4A, Expected Graduation 2019
- Exchange Term in Fall-December 2017 at Yonsei University in Seoul, South Korea
- Relevant Courses: Object-Oriented Software Development, Human Computer Interfaces, Operating Systems, Algorithms, Data Structures and Data Management

Related Projects

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| • Created a points of interest wiki for Sinchon, Seoul using MediWiki | December 2017
Link here |
| • Designed a prototype mobile app to improve interface of Korean foreigner registration on proto.io | November 2017
Github |
| • Designed a Rogue-like game in C++ with a group, responsible for creating flexible class structures | December 2016
Github |

Hobbies

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| • Moderated Humans vs Zombies at University of Waterloo | Spring 2017 |
| • Traveling, see places I've been | |

