

# Milena Bukal

Computer Science Student

[milenabukal.me](http://milenabukal.me)

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## Skills

- Proficient in C/C++, Racket (Scheme) with prior experience in Java, Python, VB.NET
- 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 sequencing software for easy use by researchers

### **Undergraduate Research Assistant at University of Waterloo**

Waterloo, Canada

January 2018 - present

- Representing protein structures in 3D in python matplotlib
- Using a simple 20 sided icosahedron-based approach to match each of 20 amino acids

### **Language Exchange Tutor**

Seoul, South Korea

September 2017 - December 2017

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

## Related Projects

- 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](#)

## Education

### **Candidate for Bachelor of Computer Science, Honours, Bioinformatics Option**

University of Waterloo, Ontario

September 2015 - Present

- Cumulative Average of 86.4%
- Current term: 4A, Expected Graduation 2020
- 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, Computational Mathematics

## Hobbies

- Moderated Humans vs Zombies at University of Waterloo Spring 2017
- Traveling, see [places I've been](#)