

Milena Bukal

Computer Science Student

msbukal@uwaterloo.ca
milenabukal.me
+1 (647) 887-9635

Skills

- Proficient in C/C++, Racket (Scheme)
- Prior experience in Java, Python, Matlab

Work Experience

Google, Software Engineering Intern

Seoul, South Korea

May 2018 - present

- Currently on Media Features Serving, Search team
- Focused on integrating serving flows for different search features
- Identifying overlap inbetween user intents and different features to optimize integration

Bioinformatic Solutions, Software Engineering Intern

Waterloo, Canada

January 2018 - April 2018

- Worked on peptide mapping software for antibodies in Java
- Improved user experience in visualizing large amounts of data from protein sequences

University of Waterloo, Undergraduate Research Assistant

Waterloo, Canada

January 2018 - April 2018

- Represented 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, Honours, Bioinformatics Option

University of Waterloo, Ontario

September 2015 - Present

- Cumulative Average: 86.1%
- Current term: 4A, Expected Graduation 2019
- Exchange term at Yonsei University in Fall 2017
- Relevant courses: Algorithms, Numerical Computation, Human-Computer Interaction

Related Projects

- Created a points of interest wiki for Sinchon, Seoul using MediaWiki December 2017
[Link here](#)
- Moderated Humans vs Zombies at University of Waterloo Spring 2017
- 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](#)