Milena Bukal

Computer Science Student

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Skills

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

Work Experience

Google, Software Engineering Intern

Seoul, South Korea   May 2018 - present

- Currently on Google search team, focusing on media content panes
- Improving search results through integrating different panels in C++

Bioinformatic Solutions, Software Engineering Intern

Waterloo, Canada   January 2018 - April 2018

- Developed 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
- Used a simple 20 sided icosahedron-based approach, mapped to 20 amino acids

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 in Fall-December 2017 at Yonsei University in Seoul, South Korea

Related Projects

- Created a points of interest wiki for Sinchon, Seoul using MediaWiki   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

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