Milena Bukal

Computer Science Student

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Skills

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

Work Experience

Google, Software Engineering Intern

Seoul, South Korea   May 2018 - Aug 2018

- On the Media Features Search team
- Focused on integrating serving flows for different search features
- Coordinated with teams globally to discuss solutions and approval for changes

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   November 2017
  foreigner registration on proto.io   Github
- Designed a Rogue-like game in C++ with a group, responsible for   December 2016
  creating flexible class structures   Github