

Stefanie Mikloska

Skills

- Experience with C++, C, PHP, Python, Shell and Scheme programming languages
- Computational Math Skills: \LaTeX , MATLAB, R
- Front-end development: JavaScript, AngularJS, Backbone, D3.js, jQuery, HTML, SASS, CSS
- Version Control: Git (GitHub and Bitbucket), Jira
- Bilingual, English and Croatian
- Excellent organization and communications skills
- Leadership skills developed through mentoring

Education

Candidate for Bachelor of Mathematics, Co-op.

Computer Science, University of Waterloo, September 2011-present

Relevant Courses

- Introduction to Computational Mathematics
- Algorithms
- Medical Image Processing
- Computational Statistics and Data Analysis
- Ordinary Differential Equations

Work Experience

Facebook

January 2016-April 2016

Software Engineering Intern

Seattle, WA

- Worked on search engine optimization for Facebook's Groups team
- Conducted experiments on different search engine optimization techniques and monitored their impact on referral traffic from search engines

Instagram

May 2015-August 2015

Software Engineering Intern

Menlo Park, CA

- Worked on Instagram's Datagram team to improve the most similar users feature
- Used C++, HiveQL, python programming languages

- Introduced new scoring features and candidate features to the most similar users ranking algorithm

Sysomos

January 2014-September 2014

Data Scientist Intern

Toronto, ON

- Developed data visualizations for social media influencer graphs using the D3.js library
- Worked as a front-end developer on the Sysomos Audience project, a web application that allows clients to generate lists of topic specific influencers on social media
- Contracted for the month of September to transition the Sysomos Audience project over to a new team

Mount Sinai Hospital

May 2013-August 2013

R & D Developer

Toronto, ON

- Contributed to the development of the Haplore Web Application, an application that provides users with recommendations from genetic information
- Used Grails framework to develop the application
- Used JavaScript (Backbone), HTML, CSS, jQuery, and a MySQL database in the development of Haplore

Nucro-Technics Inc.

May 2012-August 2012

Biology Research Technician

Scarborough, ON

- Assisted in the running of preclinical toxicology studies
- Entered data into Preclinical Data Systems ToxData and PathData programs
- Followed protocol outlines for laboratory work

Caledon Ski Club

March 2008-February 2013

Ski Instructor

Caledon, ON

- Instructed beginner skiers to improve skiing techniques
- Assessed students' abilities and used drills to improve ski performance

Awards

- University of Waterloo President's Scholarship, September 2011, for a greater than 90% average in grade 12
- School Champion for Pascal (Grade 9) and Fermat (Grade 11) math competitions
- Most Dedicated Swimmer, Cobra Swim Club, October 2010