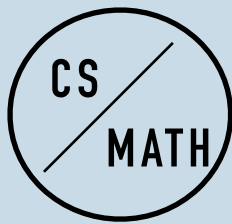


# MELISSA GEORGE



## COURSE HIGHLIGHTS

### + Computer Science

Data Structures & Algorithms  
Programming & Data Structures  
Computing for Comp. Scientists  
Intro Computers & Programming

### + Mathematics

Graph Theory & Combinatorics  
Principles of Analysis  
Linear Algebra  
Calculus I - IV  
Intro Statistics

## IN MY FREE TIME

+ **Member of GEECS** - Girls in  
Electrical Engineering &  
Computer Science

### + Personal Programming Projects:

Sudoku Solver  
Chromatic Number Calculator  
Chrome Extensions

### + Modular Origami

## LANGUAGES

C++	+++++
Java	+++
SQL	+++
Javascript	++
MATLAB	++
HTML / CSS	+



## ABOUT ME

I am passionate about computer science and mathematics because I love to visualize, play with, and solve difficult problems. I also love to teach and to discuss interesting problems with others.



## WORK EXPERIENCE

### SOFTWARE ENGINEERING INTERN

*CME Group / May 2017 - Present*

Worked on an agile team to improve both the front and back ends of an application used by data scientists to query enormous databases.

### MATH & COMPUTER SCIENCE TUTOR

*UM Academic Success Program / September 2016 - April 2017*

Helped students to develop their mathematical intuition & algorithmic thinking skills through demonstration & practice.

### COMPUTER CONSULTANT

*UM Departmental Computing Organization / July - August 2016*

Performed troubleshooting of technical issues for engineering students & faculty. Learned myriad skills relating to scripting, system administration and hardware.

### ROBOTICS INSTRUCTOR / SUMMER CAMP LEADER

*UM Women in Science & Engineering / June - July 2016*

Taught programming skills to high school students, created challenges for them to solve, and served as a mentor.

### UNDERGRADUATE RESEARCH ASSISTANT

*UM Molecular & Integrative Physiology / Oct 2015 - April 2016*

Studied the role of proteins in the human nervous system by performing experiments, collecting data, analyzing results, and presenting findings.



## EDUCATION

### UNIVERSITY OF MICHIGAN, ANN ARBOR

*September 2015 - Present*

- + Junior in the College of Literature, Science, & Arts
- + Expected B.S. Computer Science, April 2019
- + Expected B.S. Mathematics, April 2019
  - + Mathematical Sciences Program
  - + Concentration in Discrete & Algorithmic Methods
- + GPA: 3.796 / 4.000
- + University Honors, all semesters

### GRAND BLANC HIGH SCHOOL

*September 2011- May 2015*

- + Valedictorian in class of 650 students
- + National Merit Scholar

## CONTACTS

- + Cell: 810-730-6503
- + GitHub: @MelGeorge
- + Email: mmgeorg@umich.edu
- + Web: MelGeorge.github.io
- + LinkedIn: melissa-george-495185144