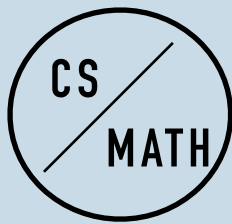


MELISSA GEORGE



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

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