

Meelan Patel

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EDUCATION

UNIVERSITY OF MICHIGAN – ANN ARBOR

Bachelor of Science in Computer Science

Expected Graduation: April 2020

- **Cumulative GPA:** 3.0/4.0
- **Relevant Coursework:** Data Structures and Algorithms, Database Management Systems
Foundations of Computer Science, Intro to Computer Organization
Discrete Math, Introduction to Statistics and Data Analysis
Calculus I – II

PROJECTS

PERSONAL WEBSITE

June 2018 – Present

- Developed a website to showcase portfolio and web development skills
- Learned web development by teaching myself HTML5, CSS3, and jQuery
- Utilized CSS Grid to create a responsive website without frameworks

STOCK MARKET SIMULATOR – EECS281

February 2018

- Constructed an efficient stock market simulator in C++ using priority queues
- Incorporated complexity analysis into programming decisions

EUCHRE – EECS280

June 2017

- Created a simulator for the game of Euchre in C++ using concepts such as classes, vectors, and polymorphism
- Practiced test-driven development
- Implemented version control utilizing Git

CONNECT 4 – EECS183

April 2017

- Collaborated in a team on a virtual simulator for the game of Connect 4 in C++
- Incorporated interactive user interface using OpenGL
- Performed paired-programming
- Presented project to recruiters from different companies and other students

MICROCYSTIS RESEARCH – M-STEM ACADEMY

July 2016 – August 2016

- Studied the effects of Hydrogen Peroxide on growth rates of toxic cyanobacteria through in-lab trials
- Utilized Microsoft Excel to graph and analyze differences between cell growth rates
- Created poster using Microsoft PowerPoint and presented findings to faculty members and symposium guests

SKILLS & ACTIVITIES

- **Programming Languages:** C++, HTML5 & CSS3, Java, SQL
- **Speaking Languages:** English (Native), Hindi (Int.), Gujarati (Beg.), Spanish (Beg.)
- **Applications:** Linux, Microsoft Visual Studio, Git, Microsoft Office Suite, Brackets
- **Activities:** Indian American Student Association, Quiz Bowl