Meelan Patel

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EDUCATION

UNIVERSITY OF MICHIGAN – ANN ARBOR

Bachelor of Science in Computer Science *Expected Graduation*: *August 2020*

- **Relevant Coursework:** Data Structures and Algorithms, Database Management Systems
  Web Systems, User Interface Development, Game Development
  Foundations of Computer Science, Intro to Computer Organization
  Discrete Math, Introduction to Statistics and Data Analysis

EXPERIENCE

BLUE CROSS BLUE SHIELD OF MICHIGAN *June 2019 – August 2019*

IT Intern

- Developed a new archetype in Java to improve the scalability and efficiency of future webservices
- Composed shell scripts to streamline file manipulation processes
- Learned about the healthcare industry and the role of technology within it

PROJECTS

LOST FANTASY – https://royalguardstudios.itch.io/lost-fantasy *February 2020 – April 2020*

- Collaborated in a team of five on an online multiplayer action role-playing game using C# and Unity
- Lead the design and implementation of UI elements of the game
- Incorporated the iterative design process and weekly deliverables to reach the final product

WEBSITE GENERATOR *October 2019*

- Built an Instagram-like website using HTML templates and client-side dynamic pages
- Wrote a client application in JavaScript that makes AJAX calls to the REST API
- Used Python to parse JSON data to create templates using Jinja and React.js

PERSONAL WEBSITE – https://meelanp.github.io/ *June 2018 – August 2018*

- Constructed 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 *February 2018*

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

SKILLS

- **Programming Languages:** C++, Java, C#, Python, JavaScript, SQL, HTML5 & CSS3
- **Frameworks:** React.js, Vue.js, Spring, Photon
- **Applications:** Unity, Microsoft Office Suite, Linux, Microsoft Visual Studio, Eclipse, Git
- **Speaking Languages:** English (Native), Hindi (Int.), Gujarati (Beg.), Spanish (Beg.)