

Apoorv Mittal

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EDUCATION

University of Maryland, College Park

May 2020

B.S., Computer Science. *Dean's List* in Fall 2016, Spring 2017

RELATED COURSES

Object Oriented Programming, Theory of Artificial Intelligence, First-Year Innovation and Research Experience

TECHNICAL SKILLS

Programming (Proficient)	Java, HTML, CSS, JavaScript
Programming (Familiar)	Python, PHP, SQL
Libraries/Platforms	D3.js, jQuery, Bootstrap, Socket.io
Markup/Templating	HTML, CSS

PROJECTS (more at <http://apoorvmittal.me/projects>)

Meteor Landings

JavaScript, D3.js

- Used NASA API to get recorded meteor landings in JSON
- Used D3's queue library to read two JSON files simultaneously
- Used D3 to visualize the received data on a world map

Messaging App

JavaScript, Socket.io

- An online messaging app which changes in real time.
- Used Node.js to write the server side of the program
- Used socket.io as it provided lightweight bidirectional real-time communication

Math Question Generator

JavaScript, jQuery

- A simple math problem generator for anyone learning math and wants to speed up their basic math calculations
- Stores the score in the browser cache so that the child is engaged

Tic-Tac-Toe

HTML, CSS, JavaScript

- A game of tic-tac-toe which can be played against another human or a computer.

To-Do List

HTML, CSS, JavaScript

- A personal To-Do list which stores your list on your computer.

WORK EXPERIENCE

Student Web Developer

May 2017- present

University of Maryland

- Managed Department of Resident Life and Counselling center website and made major design changes
- Created digital marketing materials for the web, social media, and e-mail marketing
- Worked on their guidebook app

Waste Warrior

July 2015- July 2016

- Crowd funded the organization for the year 2016 through Kickstarter and businesses nearby
- Established their online presence and provided IT support
- Volunteer to teach in their Teaching Under-Privilege People Program

SKILLS

Undergraduate Research Assistant

May 2017-present

- Working under Professor Dr. Ashok Agarawala and PhD candidates in Maryland Information and Network Dynamics (MIND) Lab and assisting them in their daily operations.
- Created an Android app to help determine the exact location of a person including the room and the floor of the building.

QUEST International Model United Nations

January 2016

- Lead the School team in the MUN Solved an immediate crisis related to Small Island Developing States

ACTIVITIES

HopHacks Hackathon

Fall 2016

- Created a cross-platform social media app "[Conneve](#)" which aimed to connect socially introvert people by suggesting them places of interest.

PROFESSIONAL SOCIETY MEMBERSHIP

- Association for Computing Machinery (ACM)