

MOHAMED ABDELMENAM

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EDUCATION

Rutgers , The State University of New Jersey/New Jersey Institute of Technology – Newark, NJ Graduated: May 2019
Bachelor of Arts, Computer Science GPA: 3.19/4.00

Relevant Coursework

- Data Structures, Programming Language Concepts, Intensive Programming in Linux
- “The Complete JavaScript Course 2018: Build Real Projects!” by Jonas Schmedtmann (Udemy)

TECHNICAL SKILLS

Java, JavaScript, Python, Flask, SQL, PHP, HTML, CSS, Bootstrap, Git, Godot Game Engine

PROJECTS

Restaurant Application (Python, Flask, JavaScript) November 2019 - March 2020

- Designed and implemented a web-server application, a restaurant webpage for customers to be able to login and make a food delivery from the restaurants site, achieving a mini GrubHub mimic site.
- Created a database using MySQL to store and access user, food, and delivery order data.

Graduation Project- Monster Homicide January 2019 - May 2019

- Created a 2D-Platformer, where the objective was for the player to kill all the monsters throughout the level without dying, or falling off the map, and beat the boss at the end of the level.
- Introduced to new concepts such as scenes, sprites, animations, nodes, and applying it all with GDScript.
- Created sprite, animation, sound, and a variety of different types of nodes, each with their own specific functions and role, depending on the task needed to be done

Exam Creation Project: CS 490: Design in Software Engineering September 2018 - December 2018

- Implemented a three-tiered web application allowing a Professor to create an exam for a class, and for Students to take the exam
- Website was created using HTML, CSS, and JavaScript for the front-end, and PHP and MySQL for the back-end.

Priceline Hackathon – Manhattan, NY June 2018

Web Developer (JavaScript, Python, SQL, PHP)

- Worked on creating a system to portray danger levels in certain areas based off a set mile radius using the Google Maps API
- Attempted to develop a system-display which color codes markers based off danger levels in different areas
- Gained valuable knowledge in return of using JavaScript for the first time

LEADERSHIP ACTIVITIES AND VOLUNTEER EXPERIENCE

The Building Blocks of New Jersey (BBNJ) – Union City, NJ July 2015 – Present

Member

- Supported homeless people and families by providing sandwiches, snacks, and water
- Aided in self-development of individuals promoting activism and bolstering community building

The Braven Accelerator – Newark, NJ September 2017 – December 2017

Fellow

- Selected to participate in a rigorous leadership and career fellowship focused on developing mastery in five distinct areas: leadership, problem-solving, operating and managing, team building, and networking and communications

OTHER SKILLS

Languages: Fluent in English and Arabic