

Antoine D. Gordon-Alvarez

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EDUCATION

University of Central Florida

B.S in Computer Science

GPA: 3.19

Orlando, Florida

August 2018 – May 2021

Technological University Dublin

Student Exchange through UCF

Dublin, County Dublin, Ireland

January 2020 – May 2020

Miami Dade College

A.A in Computer Engineering

GPA: 3.17

Miami, Florida

August 2014 – May 2017

Skills/Certification

- Java (Intermediate), C (Intermediate)
- HTML(Intermediate), JavaScript (Intermediate), CSS (Novice), jQuery (Intermediate)
- Node.js (Intermediate), Express.js (Intermediate), PHP (Novice)
- Bootstrap Framework (Novice), W3.CSS (Intermediate)
- MongoDB (Intermediate), MySQL (Intermediate)
- Insomnia API tester (Intermediate)
- Git/GitHub (Intermediate)
- IntelliJ Idea IDE (Novice), Atom Text Editor (Novice), VS Code (Novice)
- Windows OS (Intermediate), MacOS (Novice)
- Linux Command-Line (Intermediate)
- Heroku (Novice), AWS (Novice)

Projects

SkipList

Computer Science 2

- Implemented an enhanced Linked List by converting one into a generic probabilistic Linked List
- Accelerated overall performance for search, insert and delete methods into an $O(\log N)$ runtime

ConstraintToposort

Computer Science 2

- Confirmed if an arbitrary directed graph has a topological sort where a vertex x is before vertex y
- Used a backtracking algorithm to figure out if a topological sort with restriction exist and reduce the runtime by not continuing recursion if it doesn't satisfy the condition

Contact Manager

Processes for Object-Oriented Software Development

- Worked on a team to create a contact manager using the MERN stack and updated the web apps repository accordingly
- Assisted team with ER-Diagram, Gantt chart, and resources to help get over the learning curve of MERN stack
- Ran, debugged, and Web-app's React component, Node/Express.js, API's. and Database

Relevant Experience

Miami Dade College: Campus Network Service

IT Student Assistant

Miami, Florida

January 2016 – May 2017

- Assisted faculties and students with multimedia equipment, resetting accounts, and troubleshooting
- Deployed OS system images and backup points to the campus network for restoration
- Catalog Equipment to have an up to date inventory

Awards

Dean's List

- Miami Dade College: Spring 2017
- University of Central Florida: Fall 2018

Employee of the Month

- April – July 2016
- February 2017