Henry A. Maldonado

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EDUCATION

Orange County Community College - Middletown, NY   August 2015-June 2017

Associate of Science in Mathematics
Award: Mathematics Academic Achievement
Relevant Coursework:

Pre-Calc | Calculus I | Calculus II | Calculus III | Linear Algebra | Statistics | Discrete Mathematics | Physics with Calculus

SUNY New Paltz - New Paltz, New York   August 2018-December 2021

Bachelor of Science in Computer Science
GPA: 3.76, Fall 2021
Relevant Coursework:

Computer Science I | Computer Science II | Computer Science III | Software Engineering | Discrete & Continuous Computer Algorithms | Discrete Math for Programming | Cyber Security | Assembly Language & Computer Architecture | Language Processing | Intro to Data Science | Digital Logic | Dynamic Programming | Web Page Design | Projects

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SKILLS

- Proficient in Java, Javascript, , HTML/CSS.
- Competent in MongoDB, PHP, and SQL
- Git / Github, Vue.js

WORK EXPERIENCE

A&K Food Systems   May 2015-February 2018
- Maintained a head wait position to finance my education in Mathematics
- Gained experience in fulfilling customer requests and working in a fast-paced environment
- Familiar with the organizational skills necessary to adhere quality service under pressure

Fidanza Family Properties   March 2018-Present
- Gained leadership qualities in hospitality while furthering my education.
- While assuming a team-lead service position I supported a friendly and functional work environment, and maintained numerous responsibilities
- Duties include maintaining healthy peer relationships, training team members on POS computer systems, overseeing end of day reports, and addressing customer concerns

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PROJECTS

Planets Knowledge-base Application
- Android app that displays information on all the planets with an interactive U.I and quiz
- Gained knowledge using an intuitive visual programming environment (MIT App Inventor)
- gained experience in different programming fundamentals. (If statements, loops, variables)

Exercise Web Application

- Web application final project designed as an exercise social media platform.
- Users can create an account, login, edit their profile, and share exercise data.
- Created using HTML/CSS, Vue, Node.js, Express, MongoDB.
- https://github.com/hmaldonah/ExerciseApp
- App was created based on class repository worked on with processors guidance (https://github.com/hmaldonah/Fall2021)

Plants Knowledge-base

- Allows a user to search for a medicinal plant based on what they type into the search bar.
- Results come from a Webcrawler and PDF document scanner.
- HTML/CSS was used to create the front-end website where the user can search for information on a plant. Keywords are scanned and the closest plant relating to what the user typed in can be viewed and information is displayed from a database.
- experience working on the same project as a group utilizing Github
- Created using Python, HTML/CSS, PHP, SQL
- https://github.com/hmaldonah/ProjectsAssignment