

Max Acosta

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Programming

Java, PHP, Python,
MySQL, JavaScript, C

Technologies

HTML, CSS, Git

Frameworks

ASP.NET MVC
Bootstrap

Languages

English ★★★★★

Spanish ★★★★★

Interests

Finance ★★★★★

Music ★★★★★

Travel ★★★★★★

Education

Bachelor's Degree in Computer Science, Kean University

2016 - January 2019

3.543 Major GPA

Dean's list for Fall 2016, Spring 2017, Fall 2017, and Spring 2018 Semesters

Richard A. Tapia 2018 SAP Scholarship Recipient

Technical Experience

Students Partnering with Faculty (SPF)'s Researcher, Kean University

06/18 – 12/18

- Build a Web Scraper utilizing Selenium and Python to scrape information from the following mapping applications: Google Maps, Waze, HereMaps, Bing, and Mapquest
- Work on the retrieved data with the purpose of contributing to Smart City development by bridging the gap in traffic information systems and publishing a paper showcasing our results at the end of the research project.
- Act as the group leader of a team of three students. Coordinate meeting schedules, accountability check-ins, write weekly meeting minutes, and assist other members, if needed, to complete weekly goals.

Tutor – Code Samurai Mentoring Program, Kean University

02/17 – 01/18

- Provided tutoring to more than 50 Freshman and Sophomore Computer Science students in multiple topics such as; loops, arrays, methods, data structures, and web design using Java, HTML, PHP, and CSS which lead to a higher passing rate and increased their passion for Computer Science and programming.

STEMPACT Researcher, Kean University

05/17 – 07/17

- Developed a plan for a new Artificial Intelligence (AI) agent for student academic advising which was presented at the 2017 IEEE MIT Undergraduate Research Technology Conference.
- Designed the graphical user interface to make the AI agent appealing to users.
- Participated in group discussions and brainstorming of the design and new features of the AI agent.
- Created a database design schema to be implemented in MySQL.

Jr. Front-End Developer, MADESTRO Solutions Inc.

08/16 – 01/17

- Wrote down more than 3000 lines of code in various programming languages and technologies such as HTML, CSS, and C# to integrate design ideas into reality.
- Worked effectively as part of a team communicating between front-end development and back-end processes utilizing Git Source Control technology.
- Assigned new routes to direct customers URLs to the new destinations we created.

Work Experience

General Manager / Music Teacher, PY Rock Music School

01/12 – Now

This full-time job has been utilized for family support and to cover 40% of tuition costs.

- Teach musical theory and performing skills in multiple instruments such as piano, guitar, bass guitar, drums and vocals to more than 1000 students from all ages.
- Manage all business operations including: human resources (payroll, hiring, firing, training), scheduling, customer support, marketing, billing, sales, events organization, leverage technology to enhance business operations, and develop new business models and ideas.

Projects

E-Commerce Website with Control Management System (CMS)

Spring 2018

- Website developed using multiple languages and technologies; PHP for back-end, MySQL for database, and HTML, CSS, and JavaScript for Front-End.
- Fully integrated shopping cart and payment system utilizing PayPal API.
- Developed to fully allow user's customization; administrators can manage all content aspects of the site such as the images, contact info, product info, customer's accounts, order tracking, and order processing.