Alejandro Lopez

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OBJECTIVE STATEMENT

A creative, problem solving Computer Science specialist that can resolve whatever technological issue presented. An individual with exceptional communication skills, who can work together with others.

EDUCATION

Bachelor of Science in Computer Science with a Minor in Business and Mathematics　　　May 2021
Nova Southeastern University (NSU)　　　Fort Lauderdale, FL

Associate in Arts　　　May 4, 2019
Miami Dade College (MDC)　　　Miami, FL
Graduated through Dual Enrollment

CERTIFICATIONS

Adobe Certified Associate in Graphic Design & Illustration Using Adobe Illustrator CS6　　　April 2015
CIW Internet Business Associate　　　April 2015

SKILLS

Computer: Visual Basic, C++, Java, C#, ASP.NETCore, JSON, HTML, CSS, JavaScript, SQL, Microsoft Office, & Photoshop
Language: Fluent in Spanish & Portuguese

PROFESSIONAL EXPERIENCE

Junior Software Engineer　　　January 2022 - Present
GoDataFeed (45 Hours per Week)　　　Plantation, FL
- Multi-Role responsibilities involving managing all phases of the software development lifecycle, from project management to development.
- Managing API integrations by sending data through JSON messages by serializing them into data models.
- Filtering and formatting big data so that it can be integrated into the Software's infrastructure.
- Back-end development by managing many algorithms that use a variety of ASP.Net libraries.
- Front-end development by customizing the UI to make it user friendly.

Software Engineer Intern　　　July 2021 - Present
Professional Computer Solutions.org LLC　　　Miami, FL
- Managing databases through MS Access and SQL
- Creating forms for data entry, editing, and filtering the data in the database tables
- Integrating the database into a web application, developing the front end, and assembling a run-time system

Programming Instructor　　　June 2020 – July 2020
You Gifted Academy　　　Miami, FL
- Taught the fundamentals of computer programming to children of ages 6-12
- The concepts were taught through scratch and basic block code, which were concepts such as loops, conditional statements, logic, Unicode, etc…
- Assisted students when they had doubts about a topic, and made sure that they were always engaged and having fun

Student AI Bot Trainer　　　October 2019 – May 2020
NSU (15 Hours per Week)　　　Miami, FL
- Using QnA Maker to create new queries for the bot and providing both the answers and variances for the query
- Collaborating with software developers to make the bot deliver efficient answers to questions asked by the students
- Providing new data and maintaining the bot's database
- Meeting deadlines through sprints where new queries must be proposed every week

Junior Support Services Agent Call Center　　　September 2019 – October 2019
NSU (12 Hours per Week)　　　Miami, FL
- Assist students and staff with their hardware/software difficulties and guide them through solutions
- Manage the University's database containing all service requests and incidents occurring at the Campus
- Assign technicians to technology-related incidents
- Cooperating with other technicians to maintain all hardware up to the date at the NSU campus

ACOMPLISHMENTS

Hackathon Winner　　　February 2020
Healthcare Hackathon　　　Miami, FL
- Collaborated with teammates to find solutions to facilitate the life of individuals with diabetes

- Built mobile application to increase care and improve the diet of diabetics
- Presented the winning idea at the 2020 Healthcare Hackathon at Nova Southeastern University

<u>LEADERSHIP EXPERIENCE</u>

IOC Chair May 2019 - Present
NSU College Republicans Miami, FL
- Assisting the IOC meetings and making sure the club is up to date with all requirements
- Helping conservative students have a voice and be involved on campus
- Organizing community service events where we encourage students to register to vote

IOC Chair September 2019 - Present
NSU Programming Club Miami, FL
- Organizing events and projects for the club such as software development projects or community service
- Collaborated with teammates to develop a small-scale RPG game through Unity on Visual Studio

Historian February 2018 - May 2019
Engineering Club Miami, FL
- Elected Club Historian for the 2018- 2019 academic year and guided a team of 20 members by giving them the measurements and calculations for projects
- Funded a project to build a small-scale mechanical car together with my teammates

<u>COMMUNITY INVOLVEMENT</u>

Volunteer January 2020 – February 2020
LIV Super Bowl (16.5 Hours) *Miami, FL*
- *Welcomed fans into the Miami Convention center and guided them to get to their desired destination*
- *Collaborated with fellow teammates to execute the mini games efficiently for the enjoyment of the football fans*
- *Responded questions that NFL fans had about locations inside the Super Bowl experience and guided them through the timeline of each event inside the Convention Center*

Volunteer December 2018 - April 2019
FLYi Fest (85 Hours) *Miami, FL*
- Met three times a week with my teammates to organize an event that would guide immigrants and help them adapt to the United States
- Collaborated with fellow students to promote the organization through flyers, social media, and commuting to nation's embassy in Miami
- Invited guest speakers from Univision and other influential Hispanic organizations for the event together with my classmates