ALESSANDRO CASTILLO

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Result-oriented, competitive, versatile, and hardworking aspiring Computer Science intern with strengths coding in **Python, Java, HTML, C, C++, SQL, and JavaScript** and strong ability to quickly understand other languages as needed. Hands-on experience with client and server-side networking, building and organizing large complex databases, using python to examine and linearize data from my physics labs, solving logical algorithmic problems using discrete math, and developing intelligent language models using advanced machine learning algorithms. Excellent communication, teamwork, team-leading, project management, customer management and retention skills; as well as experience in high-stress environments.

Objective: Seeking opportunity in Computer Science field, aspiring to be a significant member of a value driven company where I will able to put my skills and technical knowledge to practical use as I learn new practices to participate in organizational growth

Relevant Subject Material: Multivariable Calculus, Discrete Mathematics, Data Structures, Advanced Programming, Physics Mechanics, Physics Electricity & Magnetism, Psychology, **Computer Science Theory**, **Fundamentals of Computer Systems**, University Writing, Chemistry, Physics Lab, Masterpieces of Western Art, **Linear Algebra, Analysis and Optimization, Natural Language Processing, Intro-Computational Learning, Databases/SQL, Probability and Statistics,** Machine Learning (Spring 2024)

Relevant Awards: R-key Save Our Air Hackathon Winner (June 2023), AP Scholar with Distinction (2021), National AP Scholar (2020)

CORE QUALIFICATIONS

- Object-Oriented Programming
- Project Management
- Data structures
- Natural Language Processing
- Troubleshooting
- Data Science
- Graphical Data Representation
- Statistical Optimization
- High Level Mathematics

CORE COMPETENCIES

- Ability to prioritize and deliver results with a high emphasis on quality, technical rigor, and attention to detail
- Able to integrate feedback in a professional manner and thrives in multidisciplinary teams with members with highly diverse backgrounds
- Thorough understanding of computer hardware and software, including experience working in all parts of software development cycle
- Fluent in several programming languages, including **Python, HTML, C, C++, Java, SQL, and JavaScript**
- Perform routine aspects of Information Technology requiring knowledge and application of basic Information Technology principles
- Excellent interpersonal skills, such as the ability to make technical information understandable to customers and end users.
- Solid background in mathematics, analysis, and problem-solving
- Strong organizational skills with the ability to work effectively across functions and teams, manage priorities and workflow providing accurate documentation and accountability
- Strong organizational skills with the ability to manage competing deadlines and priorities effectively within a fast-paced environment

WORK EXPERIENCE

Columbia College Information Technology — New York, New York
Client Support Services — July 2023 - Present
- Handled decommissioning and reimaging of desktops and laptops
- Maintenance of computer systems and programs
- Computer Hardware and Software support
- Data Protection of software and information
- Project Management for software implementation

Nerd Power — *Gilbert Arizona*
Solar Assessor — Aug 2020 – Nov 2020
- Conducted random inspections of homes to determine if clients are qualified for specific solar opportunities
- Liaison with all incumbent and resident personnel to ensure all requirements are met for access to solar opportunities
- Effectively responded to routine issues regarding general residential and commercial service matters, which may involve outbound calls and other communications to resolve simple issues including, billing questions, service inquiries or cancellations, etc.
- Serves as a primary customer advocate in solving escalated customer service issues by coordinating and ensuring issue resolution with the local team
- Works under limited supervision and considerable latitude for the use of initiative and independent judgment

San Marcos Elementary, — *Chandler* Arizona

Volunteer **June 2018 – July 2018**

- Ascertaining that classroom environment is in accordance to program goals and philosophies
- Identifying warning signs of emotional or developmental problems and reporting to appropriate authority
- Assist in planning and conducting activities to develop students physical, emotional and social growth

STEM Seminars, (Girls Stempowerment Club) *Chandler Arizona*

Organizer *Jan* 2020 – May 2021

- Planned, organized and worked with senior staff to set and accomplish all girls' math competitions and STEM seminars with young female students
- Recruited, trained and managed a robust volunteer force, as well as, student and non- student Fellows into teams to perform strategic consumer outreach tasks.
- Participated in forums and sessions to present factual and time-sensitive information to competitors
- Consistently achieved and exceeded personal and team assigned goals

Olive Garden **Queen Creek Arizona**

Restaurant Host **Aug 2019 – Aug 2020**

- Accommodated guests with estimated waiting time, always maintaining a professional, courteous attitude when confronted with hostile, impatient, or irate guests
- Provided special seating requests for guests whenever possible
- Maintained contact with kitchen staff, management, serving staff, and customers to ensure that dining details are handled properly and clients' concerns are addressed

EDUCATION

Columbia University – *Ongoing*
School of Engineering and Applied Science, Computer Science Major with Applied Mathematics Minor

Basha High School, *Chandler Arizona – 2021*