MARX COSTANZO JR.

(340)-244-2021 • marxcostanzo@yahoo.com • linkedin.com/in/marxc • mcostanzo.me

EDUCATION

UNIVERSITY OF NORTH CAROLINA AT CHARLOTTE   **Dec 2022**
- B.S. Computer Science | Concentration: Software Engineering | Minor: Business
- GPA: 3.8 | Magna Cum Laude, Duke Energy STARS Scholar, Chancellor's List

EXPERIENCE

IT System Administrator   **Aug 2023 – Present**
Industrial Fabricators   *(Gastonia, NC)*
- Managed Active Directory and various software licenses for over 500 employees
- Delivered IT support across 3 plants, resolving an average of 15 tickets per day
- Collaborated with Quality Assurance team to design mobile stations, reducing part inspection times by 30%
- Directed asset management and maintained SQL databases, network drives, and server infrastructure/security
- Deployed dashboards employing PowerBi to display KPIs and increase employee productivity by 20%

IT Technician   **Apr 2023 – Present**
Field Nation   *(Charlotte, NC)*
- Installed, configured, and maintained a variety of software and hardware
- Provided technical support and consultation to over 20 unique clients
- Diagnosed and resolved diverse technical issues in both commercial and residential environments

Student Leader/Mentor   **Jan 2020 – Jun 2023**
STARS Computing Corps   *(Charlotte, NC)*
- Taught students Computer Science fundamentals and led 40+ classes through coding activities
- Developed and presented lesson plans for teachers to help introduce coding to 1200 students
- Educated students in grades 6-12 on UNCC's Computer Science program and the Computing field

TECHNICAL SKILLS

- **Languages**: HTML, CSS, JavaScript, Java, Python, C++, SQL,
- **Frameworks/Models**: Express.js, Mongoose, Node.js, React JS, jQuery, MVC
- **Tools/Technologies**: Git, Postman, Unix, MongoDB, Jira, Office 365, DNS, Azure, AWS, ERP, PowerBi
- **Industry Knowledge**: SaaS, Technical Support, Continuous Integration/Delivery, Agile-Scrum, Unit Testing
- **Certifications**: TestOut Security Pro, Project Management

PROJECTS

Leave Prediction Planner
- Developed web-app using MVC architecture, Node.js, and Express to display and predict manpower shortages for the United States Air Force 352nd Special Warfare Training Squadron (SWTS)
- Implemented CI/CD process and Agile practices to deliver weekly updates
- Created detailed launch/setup instructions for the client and 245 end users

Console Clash Application
- Built web-app using MVC and EJS to help students organize and participate in UNC Charlotte gaming tournaments
- Added security features via password hashing, user authentication, input validation, and data sanitization
- Incorporated Mongoose database to store session, user, and event information

Canvas-Discord Bot
- Integrated university learning tool with student group-chats using Python, reducing missed assignment deadlines and announcements for approximately 200 virtual students during COVID pandemic
- Deployed tool to 5 UNCC Discord-servers to generate feedback and improve the product
- Released the project as open-source with extensive documentation to make the product accessible to students and instructors at over 4000 educational institutions around the world