

Dominic Castaneda

Macomb, MI | dcastaneda@oakland.edu | (586)-651-7484 | [LinkedIn](#) | [Portfolio](#)

Education

Oakland University | Oakland County, MI | Junior

Expected Graduation: May 2027

Bachelor of Science in Computer Science

- **Relevant Coursework:** Software Engineer and Practice, Sophomore Project, Data Structures

Macomb Community College | Warren, MI

Aug 2022 - Aug 2024

Academic | Computer Science

- **Relevant Coursework:** Intro to Python, Intro to Linux, Principles of Networking, Computer & Information Principles, C++ Programming 1 & 2, Windows Server Admin, Database design and implementation with SQL, Java, Network Design

- **Achievements:** Dean's List

M-TEC | Controls Technician

April - Aug 2024

- **Relevant Coursework:** Advanced Technology Readiness, OSHA 10-Safety Training, Electric Vehicles Fundamentals and Safety, Trade Fundamentals, Electrical Fundamentals, Motor Controls and Drives, Digital Electronics, Electronic Sensors, Fluid Power Fundamentals, FANUC Robotics Operations, Basic PLC, Intermediate PLC-1, Intermediate PLC-2, Advanced PLC Maintenance and Troubleshooting, Allen Bradley HMI Programming, VFD Programming and Troubleshooting-VFD Power Flex, RFID-Radio Frequency Identification

Work Experience

Loccino Italian Grill & Bar | Waiter | Troy, MI | Feb 2024 – Current

- **Delivered exceptional customer service** by efficiently managing multiple tables, ensuring guest satisfaction and fostering a positive dining experience.
- **Consistently received praise from guests** for responsiveness and attentiveness to their needs.

Nurtured Roots Landscaping | Horticultural Technician | Shelby Twp, MI | June 2022 – Nov 2023 (1 year, 7 months)

- **Collaborated effectively with team members** to install and maintain gardens for over 200 residential clients, enhancing client retention through quality and teamwork.
- **Optimized team workflow** by promoting efficiency and smooth operations enabling organized project completion.

Projects

- **Personal Portfolio** – Designed and developed a responsive portfolio website using HTML, CSS, and JavaScript to showcase personal projects and skills in web development, emphasizing a clean UI and user-friendly experience.
- **Trading Simulator** – Built a full-stack stock trading simulator that utilizes HTML, CSS, and JavaScript, with API integration to retrieve historical stock data, allowing users to simulate paper trading.
- **ESP32 Wi-Fi Communication System** – Developed a one-way communication system using ESP32 boards and C++. Implemented a client-side button to send an HTTP request, triggering a server-side sound alert.

Technical Skills

- **Programming:** Python, C++, C#, Java, SQL, Arduino
- **Web Development:** HTML, CSS, JavaScript
- **Operating Systems:** Windows, MacOS, Linux
- **Tools/Software:** Git, VS Code, Visual Studio, Unity, Virtual Machines, Microsoft Office, Excel, Word, PowerPoint, Visio, Teams, RSLinx, RSLogix 5000, Studio 5000, FactoryTalk, Allen Bradley, Siemens, Wireshark

Interpersonal Skills

- **Motivated Learner** - Strong motivation and eagerness to continuously learn and master new skills and concepts.
- **Team Player** - Ability to collaborate and work effectively in team-oriented environments.
- **Problem Solver** - Strong troubleshooting skills to solve problems and make effective decisions under pressure.

Certifications

- **Introduction to Cybersecurity** | Cisco Networking Academy | Dec 2021
- **IoT Fundamentals: IoT Security** | Cisco Networking Academy | Dec 2021
- **Controls Technician** | Aug 2024
- **SACA Certified Ethernet Communications 1** | July 2024 | Cert No. KX3S8D
- **SACA Certified Variable Frequency Drive Systems 1** | July 2024 | Cert No. 6VPD5J
- **SACA Certified Pneumatic Systems 1** | June 2024 | Cert No. J5H3S9
- **SACA Certified Programmable Controller Troubleshooting 1** | Aug 2024 | Cert No. F2DT56