

Andrew Lara

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Skills

Programming	Java, Python, C/C++, HTML/CSS, JavaScript, React, TypeScript, Node.js
Web Development	Frontend Development, API Integration, Responsive Web Design, Unit Testing
Database	PostgreSQL, Oracle, Firebase, SQL
Technologies	Git, Docker, CI/CD, Figma, Bitbucket
Soft Skills	Collaboration, Problem Solving, Communication, Project Management, Agile Methodologies
Fluent Languages	English, Spanish

Experience

North Atlantic Treaty Organization (NATO)

Lancaster, PA

Software Engineer Intern

Sept 2021 - Current

- Led the design and creation of engineering specifications for the robot and its controls.
- Developed and integrated software solutions using robotics systems, Ubuntu, and iOS, ensuring cross-platform functionality.
- Collaborated with international teams in Italy, Ukraine, and Jordan using various code bases and languages.
- **Technical Skills:** Proficient in MATLAB, Robot Operating System, Python, Java, Ubuntu Linux, Raspberry Pi, software development, testing.
- **Soft Skills:** Time Management across time zones, working within global teams, and honed presentation and communication skills.

CommonWheel

Lancaster, PA

Android App Developer/Product Manager

March - May 2023

- Led a team of four software engineers in a 3-month project to develop an app from scratch using Android Studio (Java and XML) and Firebase.
- Primary point of contact with the client, managing client wishes and requirements.
- Delivered the project within a tight timeframe, enhancing my skills in project management and rapid development.
- **Technical Skills:** Android Studio, Java, XML, Firebase.
- **Soft Skills:** Leadership, Client Communication, Team Collaboration, Project Management, Agile Methodologies.

Projects

Go Adventure

Remote

Personal Project

Jan 2024 - Feb 2024

- Developed and shipped an Android app bundle using React Native and TypeScript.
- Built a weather and travel app, learning component organization, data management, and API usage.
- **Technical Skills:** React Native, TypeScript (TSX), API integration.
- **Soft Skills:** Problem-solving, Independent project management, Self-motivation.

Mogger

Los Angeles, CA

Founder, Front-end Design and Development

March 2024 - Present

- One of the founding members of the first social media app for gym-goers.
- Helps users track their progress and compete for a leader board at their local gym.
- **Technical Skills:** Figma, TypeScript, React, Supabase, yarn, bun.
- **Soft Skills:** Remote Collaboration, Version Control (GitHub), Delegation, Design principles.

Education

Franklin and Marshall College

Lancaster, PA

Computer Science and Government Double Major

May 2024

- **Courses Include:** Mobile Application Development, Databases, Algorithms, Parallel Computing.

Universidad Autonoma de Yucatan

Merida, Yucatan

Off Campus Study Program

August - December 2023

- **Courses Include:** Website Development II, UI/UX Design.

freeCodeCamp

Remote

Certifications

June 2024

- **Responsive Web Design Certification:** Developed skills in HTML, CSS, and web design principles.
- **Data Analysis with Python Certification:** Learned data analysis techniques using Python, including NumPy, pandas, and Matplotlib. Performed data cleaning, visualization, and analysis.
- **JavaScript Algorithms and Data Structures Certification:** Mastered JavaScript algorithms, data structures, and basic software engineering principles. Built projects to demonstrate algorithmic problem-solving skills.