Andrew Lara

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Skills

Programming Languages	Java, Python, JavaScript, TypeScript, HTML/CSS, C++, Scratch,
Frameworks and Tools	React, React Native, Node.js, Android Studio, Firebase, Figma, RESTful APIs, JIRA
Web and Mobile Development	Cross-platform mobile app development (iOS/Android), Web development, Continuous Integration/Deployment
Mentoring	Experience mentoring and tutoring, simplifying complex technical concepts
Soft Skills	Communication, Team Collaboration, Problem Solving, Leadership, Patience, Adaptability
Languages	English, Spanish, Elementary Mayan

Experience

Code Ninjas
Los Angeles, CA

Code Sensei — *Aug 2024 - Current*

- Tutored over 300 children aged 5-12 in coding, robotics, and tech literacy, using immersive and interactive teaching methods.
- Created a positive and engaging learning environment, emphasizing problem-solving and patience.
- Taught core concepts in programming, logic, and problem-solving, tailored to each student's skill level.

North Atlantic Treaty Organization (NATO)
Lancaster, PA

Software Engineer Intern — *Sept 2021 - Current*

- Developed software solutions and integrated robotics systems, ensuring cross-platform functionality.
- Collaborated with 3 international teams, utilizing 5+ programming languages and technologies.
- Mentored over 15 team members and explained complex technical concepts clearly to meet deadlines.
- **Technical Skills:** Python, Java, MATLAB, Ubuntu Linux, Robot Operating System.
- **Soft Skills:** Communication, teamwork, problem-solving.

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, over 6 one-on-one meetings, managing client wishes and requirements.
- Delivered the project within a tight time frame, 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

Mogger
Los Angeles, CA

Founder, Front-end Development — *March 2024 - Present*

- Developed a social media app for gym-goers, involving both frontend and backend development.
- Created user-friendly interfaces and implemented features to enhance user engagement.
- Led a small team, ensuring project deadlines were met and quality standards were maintained.
- **Technical Skills:** React, React Native, TypeScript, API integration, Figma, JIRA
- **Soft Skills:** Leadership, Project Management, Teamwork, Agile Methodology

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.
- **JavaScript Algorithms and Data Structures Certification:** Mastered JavaScript algorithms, data structures, and basic software engineering principles.