MARIO ARTURO LOPEZ MARTINEZ

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EDUCATION

AUGUST 2016 – MAY 2020 (EXPECTED GRADUATION DATE)
BAYLOR UNIVERSITY, B.S. COMPUTER SCIENCE - SOFTWARE ENGINEERING

WORK EXPERIENCE

JULY 2019 – AUGUST 2019
EXXONMOBIL CORPORATION, DIGITAL INNOVATION ANALYST INTERN
- Directed research team in a study to identify pain points during engagements between innovation teams at ExxonMobil
- Engaged in 22 user interviews with individuals spread throughout the organization; study included managers, engineers, technologists, VPs, and digital architects

MAY 2019 – JULY 2019
EXXONMOBIL CORPORATION, DIGITAL EXPLORATION LEAD – ARTIFICIAL INTELLIGENCE INTERN
- Led research project on reinforcement learning methods and how to leverage the technology within our industry
- Assessed industry leading tools and frameworks through extensive testing, development, and deployment of RL models; Tools assessed included AWS SageMaker, Bonsai.ai, Google Dopamine, Facebook Horizon RL, and Intel RL Coach
- Learned RL capabilities, limitations, best practices, and how to effectively apply the technology to solve business problems

MAY 2018 – AUGUST 2018
EXXONMOBIL CORPORATION, CONSULTING ARCHITECT – WEARABLES APP DEVELOPMENT INTERN
- Developed a hands-free productivity app for 10 field engineers, enabling them to use wearable devices out on the field, upload annotations in real-time, and ultimately, cut media annotation time by 77%
- Introduced the Kotlin programming language to the team and used Azure Mobile App Services to provide download access for mobile app to over 10,000 field engineers on the organization's internal app repository

LEADERSHIP & ACTIVITIES

MAY 2019 – PREESENT
BAYLOR ECS STUDENT ORGANIZATION COUNCIL, CHAIR
- Advise all student organizations under ECS to work towards improved community engagement and outreach
- Coordinate with 8 different student organization (56 student leaders), front management of change & alignment efforts

DECEMBER 2018 - PRESENT
THE WACODE TEAM, FOUNDER & PRESIDENT
- Hosted first hackathon in Waco community with over 60 participants across coming from all around the state of Texas
- Fundraised over $4,000 from 7 corporate sponsors, many of which hosted workshops and on-site interviews for participants

JANUARY 2018– PRESENT
GOOGLE IGNITECS – BAYLOR CHAPTER, FOUNDER & PRESIDENT
- Established relationship with local schools to provide and ignite STEM education for the next-generation of professionals
- Led a team of 25+ volunteers to collectively provide 400+ hours of volunteer service and instruct 100+ students

DECEMBER 2017 - PRESENT
COMPUTING FOR COMPASSION, PRESIDENT
- Provide IT consulting to 5+ Waco nonprofits to expand on IT infrastructure, software solutions, and innovation trainings
- Rebranded organization through in-depth analysis, marketing, and relationship-building, increasing membership by 235%

HONORS
- **Upsilon Pi Epsilon** Computer Science Honor Society member
- **Willis Family Scholarship** awarded by Baylor University Department of Computer Science
- **Trent & Sue-Lynn Voigt Scholarship** awarded by Baylor University Department of Computer Science
- **2019 cloudJam Hackathon Winner** awarded by ExxonMobil
- **Top Earner for the Fall 2016 semester for fundraising** merited by Financial Development Program Manager
- **Academic Transfer Scholarship** awarded by Baylor University
- **SpaceX Student Sponsorship** for student-community projects

SKILLS
- **Bilingual** fluency in Spanish and English
- **Public Speaking & Presentations** (Televised, Impromptu, Slides)
- **Android Development** (Java, Kotlin, Flutter)
- **Web Development** (JavaScript, PHP, React, Spring, MySQL)
- **Object-oriented Programming (**Java, C++, Python, Kotlin, Dart)
- **App Deployment and Scaling, Cloud Services** (Microsoft Azure, Amazon Web Services, Google Cloud Platform, Heroku)
- **User Centered Design and Product Design** (Wireframes, Budgets, Requirements Engineering, product review and interviews)
- **Machine Learning** (Python, Bonsai, SageMaker, Horizon, Coach)

Authorized to work in the US without restriction. References available upon request.