

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
- Devised strategy to align a variety of teams across various disciplines on goals and vision moving forward

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
- Learned AI 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 – PRESENT

BAYLOR ECS STUDENT ORGANIZATION COUNCIL, CHAIR

- Advise all student organizations under ECS to work towards improved community engagement and outreach
- Devise and execute strategy to improve attrition rates among ECS student body and improve student satisfaction
- Coordinate with 8 different student organization (56 student leaders), front management of change & alignment efforts

DECEMBER 2017 - PRESENT

COMPUTING FOR COMPASSION, PRESIDENT

- Provide IT consulting for Waco nonprofits, churches, and schools, enabling 5 community organizations to expand on IT infrastructure, software solutions, and innovation trainings
- Restructured and rebranded the organization through in-depth analysis, marketing, and relationship-building, increasing membership by 235%

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

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)