Jesus Gutierrez

(210) 259-5541 • jgutierrez9000@gmail.com • www.linkedin.com/in/jesusgutierrez90

Technical Expertise

- Sponsored Encrypted UAV Protocol project in C (https://github.com/jesus900000000/UAVPROJECTandRESUME).
- Knowledge in Parallel Programming using Pthreads, MPI, OpenMP with C.
- Professionally Trained in C/C++, Java, Python, Linux, Git, SQL.
- Professionally Trained in Software Engineering, Agile, and Leading Modern SDLCs.
- Advanced Professional Experience as a Meta Support Engineer.
- Knowledge in Android development, and iOS Swift Mobile development.
- Trained and Experienced as a Math Instructor for Mathnasium, Pre-k to University levels.
- Native Level Fluency in the Spanish Language and English Language.

Education

Master of Science in Software Engineering (B.S. Combined Program) **Graduated August 2023**
St. Mary's University   San Antonio, Texas
- Relevant courses: Parallel Programming, Data Science, Cryptography, Networking
- MS and BS in Software Engineering Combined Degree Program
- IEEE Club Member
- Ultimate Frisbee Sporting Club Member
- National Society of Leadership and Success Member

Bachelor of Science in Software Engineering (M.S. Combined Program) **Graduated May 2021**
St. Mary's University   San Antonio, Texas
- Relevant courses*:* Files and Database, Data Structures & Algorithms, Software Quality Assurance and Testing, Software Project Management, Software Maintenance and Evolution
- MS and BS in Software Engineering Combined Degree Program
- Industry Grade Sponsored UAV Communications Protocol Capstone Project
- Scholarship: Madeleine Scholarship Recipient
- National Society of Leadership and Success Member

Associate of Arts in Liberal Arts   **Graduated May 2017**
San Antonio College   San Antonio, Texas
- Simultaneously earned Distinguished Highschool Diploma
- Scholarship: 100% cost covered by the Judson Early College Academy
- Professional Development Series Participant
- National Society of Leadership and Success Member

Distinguished Highschool Diploma   **Graduated May 2017**
Judson Early College Academy   Live Oak, Texas
- Simultaneously earned Associate of Arts in Liberal Arts
- Scholarship:100% cost covered by the Judson Early College Academy
- Engineering Club Member & Competitor at Texas A&M
- Math University Interscholastic League Member & Competitor
- Key Club Member and Volunteer

HCL Technologies onsite at Meta   **Austin, Texas (Remote)**
Software Engineer   May 2021 – Present

- Professionally trained by HCL Technologies for modern Software Engineering using Java,Linux,SQL, and Python utilizing leading modern Software Development lifecycles
- Professionally trained by Meta, and experienced in solving technical support tickets, bugs, production, and build issues within the supplier tools and sourcing tools teams at Meta
- Create, document, and present weekly reports about the supplier tools and sourcing tool teams' major weekly milestones to maintain our team's high quality of work
- Participate in weekly on call rotations to ensure all emergency bug reports are solved even during non-working hours
- Inform and provide guidance to all users and all teams regarding the role supplier tools and sourcing teams have at Meta for proper usage of internal and external products

St. Mary's University Capstone Project   **San Antonio, Texas (Hybrid)**
Software Engineer   May 2020 – May 2021

- Successfully satisfied the customer's request for an Encrypted UAV Drone Communications Protocol (https://github.com/jesus900000000/UAVPROJECTandRESUME)
- Designed, developed, tested, and documented, the entire protocol alongside my team using C, Rapsberry Pi 4, Ubuntu, Raspberry Pi OS, and customer provide radio hardware
- Tracked and managed the project using Jira, a Gantt Chart, and software project management modern practices for SCRUM
- Communicated regularly with stakeholders regarding requirements, design, testing, progress, documentation, and key milestones among other important topics

Mathnasium   **Converse, Texas (Hybrid)**
Math Instructor   May 2019-May 2021

- Commercially trained as a math instructor for students of various levels, from pre-k to university
- Instructed 4-8 students simultaneously at a time, utilizing both in-person and virtual platforms to instruct students, each with varying levels of math skills within the range of pre-k to university level
- Communicate with parents (when working with kids) regarding student learning progress and address questions or concerns
- Maintain the student's personalized math material to manage student objectives and progress
- Assist, Guide, and Teach students regarding any external math related homework or projects
- Promote personal growth, and educational growth for the success of each student

Office of the President - St. Mary's University   **San Antonio, Texas**
Work Study   August 2017- December 2019

- Planned and coordinated all travel-related activities for the University's President to include, flights, car rentals, and hotel accommodations, among other reservations
- Collected sensitive and confidential information for various university communication and coordination activities including bank statements for trustees
- Communicated with external agencies following university policies and procedures

- Handled, prepared, and sent out various types of official Office of the President mail and emails
- Welcomed University Guests and directed them accordingly to ensure their needs are met
- Trained in operating official university golf carts to transport university guests as well as internal personnel

Advising Office Northeast Lakeview College   **Live Oak, Texas**
Unpaid Intern   September 2016- April 2017

- Maintained sensitive student information as part of the Academic Advising Office to ensure accuracy and integrity of data
- Enrolled in various Professional Development Series lectures to learn about professional work ethics from CEOs and other high-ranking professionals within various industries