

# Jesus Gutierrez

(210) 259-5541 • [jgutierrez9000@gmail.com](mailto:jgutierrez9000@gmail.com) • [www.linkedin.com/in/jesusgutierrez90](http://www.linkedin.com/in/jesusgutierrez90) • Los Angeles, CA

---

## Technical Expertise

---

- Sponsored Encrypted UAV Drone Protocol project (<https://github.com/jesus900000000/UAVPROJECTandRESUME>).
- Advanced professional experience in Meta's Technical Support and Engineering department.
- Professionally trained in SQL, Linux, Source Control, RDMS, C++, C, Java, Python, and MIPS.
- Professionally trained in Software Engineering, Agile, and Leading Modern Methodologies.
- Advance knowledge in Angular, JavaScript, TypeScript, CSS, HTML.
- Advance knowledge in Parallel Programming using Pthreads, MPI, OpenMP with C.
- Trained and experienced as a Math Instructor for Mathnasium for Pre-k to University levels.
- Native level fluency in English and Spanish.

---

## Education

---

### Master of Science in Software Engineering

St. Mary's University

**Graduated: May 2023**

San Antonio, Texas

- Relevant course work: Parallel Programming, Cryptography, Data Science, Comp Networking
- IEEE Club Member
- Ultimate Frisbee Sporting Club Member

### Bachelor of Science in Software Engineering

St. Mary's University

**Graduated: May 2021**

San Antonio, Texas

- Relevant coursework: 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 UAV Communications Protocol Capstone Project
- Madeleine Scholarship Recipient

### Associate of Arts in Liberal Arts

San Antonio College

**Graduated May 2017**

San Antonio, Texas

- National Society of Leadership and Success Member
- Scholarship: 100% cost covered by Judson Early College Academy.
- Earned while in Highschool

### Distinguished Highschool Diploma

Judson Early College Academy

**Graduated May 2017**

Live Oak, Texas

- Engineering Club Member & Competitor
- Math UIL Member & Competitor
- Key Club Volunteer
- Simultaneously earned Associates Degree

## Professional Experience

---

### **HCL Technologies onsite at Meta**

Software Engineer

**Austin, Texas (Remote)**

May 2021 – Present

- Professionally trained by HCL Technologies for modern Software Development 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 teams at Meta
- Create, document, and present weekly reports about the supplier tools and sourcing 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 using my knowledge and skills in software engineering
- 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**

Software Engineer

**San Antonio, Texas (Hybrid)**

May 2020 – May 2021

- Successfully satisfied the customer's request for an Encrypted UAV Drone Protocol (<https://github.com/jesus9000000000/UAVPROJECTandRESUME>)
- Designed, developed, tested, and documented, the entire protocol alongside my team using C, C++, Raspberry Pi 4, Ubuntu, Raspberry Pi OS, and customer provide radio hardware
- Tracked and managed me and my teams SCRUM project using Jira, a Gantt Chart, and software project management modern practices
- Communicated regularly with stakeholder regarding requirements, design, testing, progress, and other key milestones with regular meetings and reports

### **Mathnasium**

Math Instructor

**Converse, Texas (Hybrid)**

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**

Work Study

**San Antonio, Texas**

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**

Unpaid Intern

**Live Oak, Texas**

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