

Jesus Gutierrez

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Technical Expertise

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

Education

Master of Science in Software Engineering

Graduated: May 2023

St. Mary's University

San Antonio, Texas

- Relevant course work: OO Analysis and Design, Parallel Processing, Cryptography.
- IEEE Club Member
- Ultimate Frisbee Sporting Club Member
- Relevant coursework: Parallel Programming (C, Pthreads, MPI, OpenMP), Cryptography, Computer Networking, Software Security, Software Maintenance and Evolution

Bachelor of Science in Software Engineering

Graduated: May 2021

St. Mary's University

San Antonio, Texas

- MS and BS in Software Engineering Combined Degree Program
- Industry Grade UAV Communications Protocol Capstone Project
- Madeleine Scholarship Recipient
- Relevant coursework: Files and Database, Data Structures & Algorithms, Software Quality Assurance and Testing, Software Project Management, Software Maintenance and Evolution

Associate of Arts in Liberal Arts

Graduated May 2017

San Antonio College

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

Graduated May 2017

Judson Early College Academy

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

Mathnasium

Math Instructor

Converse, Texas

May 2019-May 2021

- Commercially trained in math instruction 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