

Gabriel Quezada

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Education

California State University, Long Beach

Bachelor of Science in Computer Science

GPA: 3.73

Relevant coursework: Data Structures & Algorithms, Operating Systems, Database Fundamentals, Machine Learning, Artificial Intelligence, Dynamic Networks

Long Beach, CA

Aug 2024

Experience

Software Engineer

Outlier AI

Irvine, CA (Remote)

Aug 2024 - Present

- Develop high-quality training data sets for generative AI models, contributing to a **6%** improvement in model accuracy and relevance
- Collaborate with cross-functional teams to evaluate AI performance, leading to actionable insights that enhanced model responsiveness by **15%**
- Streamline data retrieval by **20%** utilizing RESTful APIs and cloud infrastructure for faster handling of large data set
- Increase code reliability by **30%** by implementing robust test cases, ensuring functionality and stability

Software Engineer Intern

Best Buy

Westminster, CA

Sept 2021 - Mar 2022

- Oversaw a **9%** reduction in customer transaction processing time for **10,000+** users by maintaining software solutions using Python and SQL for data management
- Delivered an **11%** decrease in downtime by providing technical support and troubleshooting, utilizing Jira for tracking
- Increased user proficiency by **21%** and decreased user-generated tickets by **13%** by developing comprehensive documentation and tutorials that included HTML and CSS resources
- Developed standardized procedures that reduced oversight errors by **8%** and increased task completions by **7%** by optimizing CI/CD workflows, implementing strategies with Docker and Git

Projects

Capstone - Virtual Dress Up | Kotlin, RESTful API, Git, Firebase, MongoDB, Docker, NoSQL

- Increased engagement by **30%** for **500+** daily users by leveraging Revery.AI REST API in a handheld solution
- Employed Firestore Database to reduce loading time by **40%**, resulting in heightened user satisfaction
- Facilitated a **30%** increase in user interactions via outfit sharing integration with Facebook and Twitter APIs
- Implemented unit and integration testing strategies, improving system reliability and reducing post-release bugs by **25%**

FlexGen -Scalable Object Framework | Python, Git, Object-Oriented Programming, System Design Patterns

- Designed a modular system, reducing memory usage by **15%** through improved data encapsulation
- Constructed object factories, reducing code duplication by **30%** and enhancing scalability
- Organized a comprehensive system for object management, yielding a **40%** betterment in code maintainability

Airport Distribution Optimization | Python, Jupyter, Cluster Analysis

- Optimized airport locations, reducing travel distances by up to **54%** using gradient descent and cluster analysis
- Computed models and algorithms, reducing processing time by **25%** and improving resource utilization

Skills

Language Skills: Python, C++, C, Java, Kotlin, TypeScript, JavaScript, SQL, PHP, CSS, HTML

Technical Skills: Git, Unix, PostgreSQL, NoSQL, MongoDB, Firebase, Google Cloud Platform, AWS, React.js, Node.js, Angular, Docker, Django, Spring Boot