

Ricardo J. Useche

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Education

Bachelor of Science in Computer Science, University of Houston

May 2020

Professional Experience

Google — Developer Relations Engineer

Aug 2022 - Current

- Create technical material like client libraries, sample applications, documentation, and code snippets to help internal developers use Google's server platform.
- Improve the developer experience with gRPC server frameworks, educating them about best practices, new features, and proper system architecture.
- Document, evaluate, and communicate developer pain points to push product excellence forward.

Google Cloud — Solutions Consultant

Aug 2021 - Aug 2022

- Guided Fortune 500 customers through the creation and deployment of distributed systems for high-performance computing workloads.
- Architected high availability, high bandwidth systems for global workloads.

Google Cloud — Cloud Technical Resident

Aug 2020 - Aug 2021

- Successfully completed three rotations within Google Cloud: Customer Engineer, Strategic Cloud Engineer, and Technical Solutions Engineer.

ENGIE Digital — Software Engineer Intern

Aug 2019 – Aug 2020

- Created Python SDK for consuming Azure Time Series Insights data, and enabled machine learning processes for other teams. Package was integrated into a CI/CD pipeline with automated testing and distribution.
- Developed REST API endpoints, using C# and MS SQL, to provide wind energy and weather forecasts for a customer-facing application, on a worldwide scale. Optimized for sub 200 ms response times.

American Express — Software Engineer Intern

Jun 2019 – Aug 2019

- Designed and implemented components for the AMEX Payments website in an Agile environment, using React, and Redux.
- Created performance benchmarking dashboards using Splunk, and the performance mark web API for all major web browsers. Packaged performance tools in an internal NPM package which is used in 350M performance measurements daily.

Skills

Programming: Python, C#, JavaScript, C++, SQL, HTML, CSS

Frameworks/Libraries/other: Pandas, Node.js, React.js, Express.js, Jest, API development, HTTP

General software: Git, Postman, MS Office, Salesforce, Pardot, Adobe CC, Power BI, Google Analytics

Languages: Fluent English and Spanish

Projects

Backend Developer, Hydrate All - SHPE National Convention Hackathon, 1st Place

Fall 2019

- Web app to coordinate distribution of water and other resources for the homeless in the Phoenix, AZ area.
- Fully developed REST API using Node, Express and MySQL.

Leadership and Involvement

Society of Hispanic Professional Engineers at UH, Professional Chair

2018 – 2019

- Led professional development events for over 150 students, including workshops, mock interviews, and resume critiques.
- Handled corporate relations with top STEM organizations and companies in the Houston area.