

Isaac Delgado

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EDUCATION

University of Southern California

Los Angeles, CA

MS in Computer Science (GPA: 3.3)

Graduation Date: December 2020

- Coursework included software management & economics, analysis of algorithms, web technologies

Texas A&M University Corpus Christi

Corpus Christi, TX

BS in Computer Science (GPA: 3.7)

Graduation Date: August 2017

- Honors Program Graduate, Dean's Honors List
- Coursework included object-oriented programming, data structures, introduction to AI, computer networks

WORK EXPERIENCE

Chevron Corp.

San Ramon, CA

Software Engineer

July 2020 - Present

- Facilitated data migration of over 3,000 legal holds by ensuring uninterrupted internal operations. Key contributions included developing a C# Azure Function for automated legal data reporting, designing Azure Data Factory requirements, and managing networking connectivity between third-party and internal systems, resulting in cost savings of over \$300,000.
- Designed and developed a full-stack web application with an Angular front-end, C# back-end, and SQL relational database to automate the creation of piping and instrumentation diagrams for refinery process engineers' workflow, leading to a 25% increase in productivity.
- Supported enterprise-wide Azure resource automation by debugging Azure Pipeline scripts and troubleshooting deployment issues across 14K+ projects, enabling rapid project development while maintaining security and controlled resource utilization.
- Collaborated on modernizing legacy payment systems by developing internal C# Azure Functions integrated with CosmosDB and Azure Service Bus. Primary responsibilities included debugging code, creating unit tests, and supporting senior developers with new features.

Monterey Bay Aquarium

Monterey, CA

Shark Research Technology Intern

Feb 2018 - Aug 2019

- Processed more than 67 million tweets (~37 GB) to enable analysis on public perception of sharks, by developing a Python script and leveraging Twitter scraping APIs. This work contributed to co-authoring a research [publication](#) at Duke University. (January 2018 - May 2018)
- Improved shark research efficiency by designing an R Shiny application to digitize researchers' at-sea note-taking workflows and streamline data integration with AWS S3. (July 2019 - August 2019)

SKILLS

- C#
- Angular
- Python
- Agile
- Azure
- SQL
- Programming
- CI/CD