

Maria Garcia

(708) 224 - 3549 | Chicago, IL | garciam2017@gmail.com | [linkedin.com/in/mariagarcia-cs/](https://www.linkedin.com/in/mariagarcia-cs/)

SKILLS & CERTIFICATIONS

Certifications: AWS Cloud Practitioner (August 2023)

Programming Languages: Python, JavaScript, Java/Kotlin, HTML/CSS

Technologies: Node.js, Express.js, React.js, Android Studio, MongoDB, Django, Flask, PostgreSQL, Docker

Other: Spanish (Native Speaker), Mandarin (Conversational)

WORK EXPERIENCE

Data and Technology Specialist, Texas Toolbelt

July 2021 - April 2023

- Obtained multi-million dollar contract for the company with “SheThePeople” through my positive client relations
- Crafted Optimized SQL queries to automate data reporting, reducing report generation time by 75 minutes per week per campaign.
- Developed real-time SQL/Python dashboard for 70+ organizations to coordinate voter engagement efforts, tracking outreach for 868k+ people with 23k+ confirmed votes. Enabled data-driven decisions and performance optimization.
- Created live dashboard and strategy maps for a large political campaign, tracking 7M+ outreach attempts across 4 counties and 5 contact types. Enabled coalition leaders to edit maps, communicate new strategy, and optimize outreach by demographic.
- Communicated technical concepts to non-technical people. Helped clients understand their data and systems. Designed and delivered presentations on database use and standardizing data collection

Full Stack Software Engineering Intern, Scarlet Data Studio

July - August 2021

- Analyzed COVID-19's impact on transport systems by extracting disability rates data from Chicago Health Atlas API using Python/SQL, transforming it into a usable format, and loading it to the database tables.
- Wrote automated tests with pytest to ensure secure data uploads.
- Improved user experience by creating dynamic data visualizations using React and Recharts with Javascript.

TECHNICAL EXPERIENCE AND PROJECTS

Personal Website www.mari-garci.com

August 2023

Deployed and hosted a highly-available WordPress application using AWS services including EC2, RDS, Route 53, Auto Scaling Group, and VPC. Managed app server using apache on a linux instance.

Word Tracker, Web Application

April 2023 - Current

Allows users to create cases and categorizations for words they are learning in their respective language and study them in flash card format. Deployed with AWS EC2 Instance, future versions will use DynamoDB in place of MongoDB
JavaScript, HTML/CSS, React.js, AWS, Database, JWT, JSON

EDUCATION

ILLINOIS INSTITUTE OF TECHNOLOGY, Chicago, IL

Bachelors of Science | Computer Science | GPA: 3.0

December 2021

Relevant Coursework: Object-Oriented Programming I/II, Database Organization, Software Engineering, Discrete Structures, Algorithms, Assembly, Systems Programming, Mobile Application Development, Probability and Statistics