

# REBECA CARRILLO

SENIOR SOFTWARE ENGINEER

## ABOUT ME

I'm a software polyglot with almost a **decade of experience in tech**, typically building **backends and infrastructure**— though I work across the stack. I'm also an **experienced Data Engineer** with extensive practice **navigating hypergrowth at early stage startups**.

☎ +1 575 635 7579

✉ rbacarrillo@gmail.com

🏠 github.com/rebecacarrillo

in @rebecacarrillo

## SKILLS

### Programming Languages:

Proficient in Python, SQL (Postgres, Redshift, BigQuery), and PHP. Intermediate knowledge of C#, JavaScript/React.js, and Bash scripting.

**AWS:** Redshift, RDS, EC2, S3, Cloudwatch. **Google:** Kubernetes, Composer, GCP

**Software/Tools:** Jenkins, Vim, Gitlab, Docker, Postman, Airflow

**IoT:** AWS Greengrass, MQTT

**Human Languages:** Fluent in Spanish

## OTHER EFFORTS

### Core Contributor to Magic

[magic.co](https://magic.co)

Magic is an open source, decentralized internet access solution—a “network of networks”—blending coverage across WiFi, Cellular, 5G and LPWAN.

### Core Contributor to HomeAware

[homeaware.com](https://homeaware.com)

Home Aware is a smart home security solution designed to secure and inform homeowners.

**INTERESTS:** Network Science, **Distributed Systems**, IoT, Technology Ethics, Brazilian Jiu-Jitsu (2nd place American National IBJJF championship '23, Adult Purple)

## EXPERIENCE

SR. SOFTWARE ENGINEER - DATA PLATFORM TEMPUS LABS | '23 - '24

In a precision medicine vertical, I designed and delivered complex applications for use in distributed systems using **Python, React, Kubernetes and BigQuery**. Sought out cross-team requirements to create detailed road maps and timeline estimates. Developed incident response protocols. Recognized as Top 10 for “most bugs tackled” company-wide.

SR SOFTWARE ENGINEER - SYSTEMS

MCMaster-CARR | '22 - '23

Designed and delivered software in React and Python for use in a data driven search engine using in-house cloud hardware and MongoDB. **Oversaw major refactor of industrial language processing systems, while delivering regular demos to stakeholders.** Mentored Junior engineers

SENIOR SOFTWARE ENGINEER

HOLOGRAM, INC | '17 - '20

Designed, implemented, and deployed software designed to handle terabytes of data daily using Python, PHP and MySQL. **Completely overhauled existing ETL (Extract, Transform, Load) pipelines into a distributed ecosystem using MariaDB, Airflow, and Redshift**, reducing load time from approximately 24 hours to 35 minutes. Mentored junior engineers and **standardized onboarding protocol**.

DATA ENGINEER

UPTAKE | 6/17 - 12/17

**First Data Engineer hired to the Core Product/Data Science Team.** Built out distributed data collection platforms while **navigating hyper growth at a Machine Learning/IoT “Unicorn” startup**. Built high-volume (terabytes daily) data pipelines and internal tooling for deployed sensors in AWS/airflow. Developed interviewing rubric for future data engineering hires.

BACKEND SOFTWARE ENGINEER

VAPORSTREAM | 6/16 - 7/17

Worked in an Agile team to build a secure messaging app at both an enterprise and consumer level using **Python/Django, /Node.js, and AWS**. Handled sensitive data tooling to comply with regulations for legal environments.

## EDUCATION

THE UNIVERSITY OF CHICAGO

B.A. Public Policy, 2015

Specialization in Computer Science

B.A Thesis: “Network Analysis of Mexican Drug Trafficking Cartels using Internet Sourced Data”

