

# Jasmine David

linkedin.com/in/jasminedavid/

Atlanta, GA

contact@jasminedavid.com

(860) 845-7539

## SUMMARY STATEMENT

Inquisitive and effective engineer with four years of professional experience in data pipeline development, software development, data modeling, and database management using Agile frameworks. Academic experience with distributed computing, computer vision, neural network design, large language models, and robot localization and mapping (SLAM) algorithms. Seeking ML/AI Internships for Fall 2026. Open to on-site work and relocation.

## EDUCATION

### Georgia Institute of Technology

M.S., Computer Science, Computational Perception & Robotics

Atlanta, GA

Expected May 2027

### Pomona College

B.A., Mathematics

Claremont, CA

Aug 2020

## EXPERIENCE

### Zoox

Foster City, CA

Data Engineer Intern

May 2026 - August 2026

- Built a Databricks/PySpark pipeline mining hundreds of millions of perception ticks across all geofences into a per-hex parking-occupancy signal (traversal-normalized, confidence-tiered, percentile-ranked).
- Joined occupancy against production PUDO Zone outcomes to flag conflict zones, rank new zone candidates, and auto-screen against map restrictions. Created a geospatial map visualization.
- Shipped an automated Databricks catalog inventory merging Unity Catalog + Monte Carlo metadata with human-curated ownership, backed by an append-only Delta audit log as system of record.
- Engineered log-derived current-state modeling, write-cadence/row-count inference, and OrgChart-synced owner-email validation.

### Wpromote

El Segundo, CA

Software Engineer, Data

Jul 2021 – Aug 2025

- Developed and maintained dozens of marketing data pipelines using Google Cloud, dbt, SQL, and Python for custom reporting and analysis
- Owned and developed a data product that offered clients a holistic view of their organic and paid search performance, providing the foundation for a \$22k-\$52k/month service offering

## PROJECTS

### Cross-Modal Feature Learning for Anomaly Detection , Georgia Institute of Technology

2026 (In Progress)

### Human Activity Classification Using Motion History Images as Features, Georgia Institute of Technology

2025

- Trained and tested a human activity recognition model on video data extracting edges and motion history images (MHIs) as features using classical image processing techniques.
- Successfully classified examples to *Boxing, Clapping, Waving, Walking, Jogging, or Running* with 75% accuracy using a K-Nearest Neighbors classifier

### Sentiment Analysis on Twitter Posts Mentioning Popular Restrictive Diets, Pomona College

2018

- Collected and cleaned over 10,000 nutrition-related tweets using Python's BeautifulSoup and NLTK libraries as a fellow in the Summer Undergraduate Research Program

## ACTIVITIES & PROFESSIONAL AFFILIATIONS

[RoboCup](#) Software Team Member, Robojackets - Competitive Robotics at Georgia Tech

Sep 2025 – present

Member, DevColor

Jan 2025 – present

Member, Toastmasters International, Clubs 919 & 4218

Oct 2023 – present

## TECHNICAL SKILLS

Languages: C++, Python, ROS2, SQL

ML & Perception: PyTorch, TensorFlow, OpenCV, CUDA, AWS SageMaker

Tools: Git, Docker, Linux, Google Cloud

## RELEVANT COURSEWORK

Distributed Systems, Artificial Intelligence for Robotics, Intro to Operations Research, Computer Vision, Applied Statistics and Probability, Systems for Data Science, Deep Learning, Artificial Intelligence