

James Rosas-Smith

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SKILLS

Enterprise application development, workflow automation, process documentation, identity and access management, software testing, software modernization, multimedia data processing, model training, fine-tuning, dataset development, data pipelines, Python, Java, C, TypeScript, HTML, MS Office

EXPERIENCE

AppleOne, Los Angeles, CA

IT Support Technician, County of Los Angeles

Oct 2026 - Nov 2026

Data Entry, SimpleBiz Forms

Mar 2026 - Sep 2026

- Processed high-volume LLC formations and business compliance filings daily across 49 states
- Developed C/QMK keyboard firmware to automate repetitive data-entry workflows across 16 states, implementing programmable sequences for state-specific filings and doubling overall processing efficiency

Johns Hopkins University, Baltimore, MD

Aug 2023 - Mar 2026

Research Fellow, Center for Language and Speech Processing

- Built a data processing pipeline to create public datasets from police body-worn camera footage using OCR and NLP tools, utilizing open-source frameworks for speech model training and fine-tuning

JPMorgan Chase & Co., New York, NY

Jul 2020 - Aug 2023

Software Engineer, Chase Digital

- Migrated Java REST and SOAP APIs to a Kubernetes-based cloud platform and supported production releases through change management, deployments, and firewall and load balancer configuration
- Managed application security and access controls, including credential management for DB2 databases, documentation, incident response, and service monitoring

Massachusetts Institute of Technology, Cambridge, MA

Sep 2017 - Aug 2023

Research Assistant, Research Laboratory of Electronics

- Performed automated error analysis of an algorithm for creaky voice detection using Python scripts to compare its output against hand-labeled irregular pitch periods in American English dialogues

JPMorgan Chase & Co., Chicago, IL

Jun 2019 - Aug 2019

Software Engineer Intern, Corporate & Investment Bank

- Designed and developed a microservices-based search application in collaboration with interns
- Led front-end development using Angular and TypeScript

EDUCATION

Wellesley College, Wellesley, MA

2020

B.A. in Computer Science | GPA: 3.74

PUBLICATIONS

Jamie Rosas-Smith, Martijn Bartelds, Ruizhe Huang, Leibny Paola García-Perera, Karen Livescu, Dan Jurafsky, and Anjalie Field

Constructing Datasets From Public Police Body Camera Footage

IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP 2025), paper

International Conference on Computational Social Science (IC2S2 2024), oral talk