

Austin Steady

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Education

Rutgers University

Bachelor of Science in Computer Science
Bachelor of Science in Mathematics

New Brunswick, NJ

September 2013 - December 2016
September 2013 - December 2016

Experience

Twitter

Los Angeles, CA

Senior Software Engineer

April 2022 - November 2022

- Senior member of the Takeover team in the Brand Ads org, which contributed more than 50% of Twitter's revenue in 2022
- Worked on redesign for Timeline Takeover product, a cross-functional effort across multiple teams that would enable multiple tiers of the product. Provided guidance to junior teammates, conducted code review and testing across multiple services, and implemented work to enable the redesign
- Led redesign for Ads Manager, the tool used by all advertisers to manage their Takeover campaigns. Worked with product, frontend, and design teams. Led backend decisions and guided team members
- Mentored junior members on the team. Provided 1-1 sessions for career guidance and pair programming

Metropolis

Los Angeles, CA

Senior Software Engineer

April 2020 - April 2022

- Joined as engineer #3. Responsible for all parts of backend codebase (Scala), database architecture (MySQL), and infrastructure (AWS). Designed and implemented many of the app's major features
- Acted as technical lead on several projects. Responsible for scoping requirements with product, fleshing out technical design, and leading team members to delivery
- Worked cross-functionally across product, design, and operations teams. Worked closely with product, communicating technical needs, and contributed to product design
- Delivered many high priority features on short timelines, many considered essential to the success of the product
 - Implemented initial email and SMS messaging system serving various purposes like welcome messages, action prompts, and receipts
 - Implemented backend for an admin app so that product and operations teams could manage day to day requests without needing database access or backend team assistance
 - Designed and implemented fee system to collect additional revenue, including admin ability to manage changing fees. At the time I left, this was Metropolis' primary revenue source
 - Designed and implemented system to enable scan-to-pay (STP) visits at lots lacking cameras, unblocking adoption of our product in many markets. At the time I left, STP lots grew to 90% of our inventory
- Owned platform performance. Refactored many API routes and SQL queries achieving up to 100x latency improvement in some cases. Introduced load-testing framework, using Python and Locust
- Completed frontend (React) work to assist during crunch periods. Implemented both frontend and backend for several features

Factual

Los Angeles, CA

Software Engineer

October 2018 - April 2020

- Created ETL pipeline to migrate Factual's entire location data system from internal infrastructure to AWS
 - Enabled Factual to double frequency of data delivery to all customers
 - Worked in several technologies across the stack
 - Used Java and Scala to write MapReduce, Spark, and Oozie jobs for handling large data processes
 - Used Python to write glue code to keep data sources in sync between internal infrastructure and AWS
- Led initiative on team to emphasize test-driven development. Introduced and improved test coverage for several projects, bringing several from 20-40% coverage to over 90%
- Mentored an intern for a summer project. Provided pair programming sessions multiple times a week

Jane Street Capital

New York City, NY

Software Engineer

February 2017 - July 2018

- Wrote test-driven Ocaml code with an emphasis on correctness to handle critical trading logic
- Wrote Python scripts to assist Trade Support team in handling manually-intensive tasks

MongoDB

New York City, NY

Software Engineering Intern

June 2016 - August 2016

Bond

New York City, NY

Machine Learning and Computer Vision Intern

June 2015 - February 2016

Skills

Languages: Python, Scala, Java, SQL, Javascript/Typescript, Bash

Tools and frameworks: AWS, Play, Django, Pandas, Selenium, Mysql, Postgres