Christopher Hranj

christopher.hranj@gmail.com   https://brodan.biz

Education

The College of New Jersey
Class of 2016, B.S. in Computer Science

Technical Skills

Languages
* Python, JavaScript (React + TypeScript), SQL

Tools/Libraries
* Linux/UNIX, Git, Django, PostgreSQL, Celery, Docker,
  gRPC, Kubernetes, Redis, Jenkins

Projects

from brodan import Blog
https://brodan.biz/blog
* self-hosted and self-maintained website/blog built using
  Ghost, NGINX, Let's Encrypt, HTML/CSS/JavaScript
* author blog posts containing technical tutorials and
  personal content about music/art/gaming

Twilio Engineering Blog
https://www.twilio.com/blog/author/chranj
* author tutorial-style blog posts using various Twilio
  products, programming languages, and tools

Awards & Affiliations

Twilio Champion
2019, 2024, Remote
* a developer ambassador program to build awareness and
  share expertise of the Twilio platform.

hackNY Fellow
Summer 2016, New York City, NY
* ten-week program designed to shape the next generation
  of hackers in the New York City tech community via
  internship and lecture series

Secure Information Systems Mentoring and
Training (SISMAT)
Summer 2014, Hanover, NH
* cybersecurity training program hosted by Dartmouth
  College's Institute for Security, Technology, and Society

Eagle Scout, Boy Scouts of America Troop 186
2006 - 2012, Three Bridges, NJ

Work Experience

Sr. Software Engineer @ GIPHY, Inc.
Mar 2023 - Present
* optimized ad-tracking performance by ~50x to enable
  larger numbers of concurrent ad campaigns
* enabled speed-to-revenue by updating and re-integrating
  multiple services that were sunset during 2020 acquisition
* increased available ad inventory by integrating related
  keyword tooling into our internal ad CMS
* automated long-form video editing/uploading using
  FFmpeg to increase usage of new video products

Software Engineer @ GIPHY, Inc.
Nov 2018 - Mar 2023, New York City, NY
* built and expanded an internal CMS tools for creating,
  managing, and monitoring advertisement campaigns
    ** integrated various authentication, task queue,
       monitoring and alerting tools
    ** built downloadable campaign report tooling
* added support for WebM format in gif creation pipeline
* contributed to engineering culture by writing for the
  engineering blog and attending hackathons

Software Engineer @ Truveris, Inc.
Apr 2017 - Oct 2018, New York City, NY
* maintained and extended referential data pipelines for
  third-party pharmacy, drug, and physician data
* created dynamic coupon programs for pharmaceutical
  clients and integrate them with SMS/IVR activation
  systems
* assisted in design/implementation of a patient income
  verification system

SWE (Intern), Feed Services @ BuzzFeed Inc.
Jun 2016 - Aug 2016, New York City, NY

Developer Evangelist (Intern) @ Twilio Inc.
Jun 2015 - Mar 2016, San Francisco, CA + Remote

OSS Contributions

dj-database-url - enabled configuration of test databases in
Django database library

runelite - various bug fixes and enhancements to
Old-School RuneScape's premier 3rd-party client

sharp - improved error messaging in highly-popular Node.js
image processing library

youtube-dl - improved metadata extraction from Instagram
TV content in popular YouTube download tool