

Victor N.

DevOps Engineer

San Francisco, CA, United States | [LinkedIn](#) | [GitHub](#)

Problem-solving software engineer with 7+ years of experience building scalable infrastructure and improving system reliability. Passionate about developer experience and infrastructure automation.

EXPERIENCE

Senior Software Developer - Digital Promise Operations and Learner Variability Project Mar 2018 — Dec 2025

Digital Promise

San Mateo, California

Led site architecture changes and served as tech lead for separating production and development environments using separate EC2 instances and elastic IPs. Optimized server response times by 10x through instance caching strategies, reducing latency from 1000ms to under 100ms.

Software Engineering Fellow ("Hacker in Residence")

Sep 2017 — Dec 2017

Hack Reactor

San Francisco, CA

Led training for new hires on interview techniques and student mentoring. Supported hundreds of students in building and debugging full-stack web applications using React, Angular, Backbone, Node + Express, and MySQL/MongoDB.

EDUCATION

Hack Reactor

Jan 2017 — Dec 2017

Software Engineering in Full-Stack Javascript Web Development

Advanced Software Engineering Immersive

Free Code Camp

Dec 2016

Front End Web Development Certification

Worked on various projects to hone crucial web development skills.

San Francisco State University

Jun 2023

Bachelor of Science - BS

NREMT

National Registry of Emergency Medical Technician

PROJECTS

CodeSmash

Code collaboration app with video and audio communication. The application is an interviewing tool with the additional benefit of having built-in video and audio communication via WebRTC.

Stack: MongoDB/Mongoose, Express, React, Node, CodeMirror (editor), XTerm (terminal), Sandbox (code execution), Heroku.

Hello Marcia

Siri clone that responds to voice commands for directions, food recommendations, weather information.

Tech: PostgreSQL, Express, React, Node, Semantic, Heroku.

APIs: Houndify (Voice to Text)

Pinpoint

Meetup app suggests activity locations central to a number of user-specified addresses.

Tech: MongoDB/Mongoose, Express, React, Node, Heroku.

APIs: GoogleMaps, Yelp

Sort of Sorts

How do Instagram and Amazon actually decide the order of the search results they show you?

The full proprietary algorithms used by these platforms are extremely complex and far beyond the scope of this paper.

However, we can simplify the question in an interesting way: if we ranked the same items using only basic statistical primitives - such as simple average rating, z-score (frequentist approach), and Local False Discovery Rate (Bayesian approach) - how similar or different would the rankings be? What are the strengths and biases of each method?

This statistics and data-science project explores those questions through a real-world example: the sorting of a dataset of ~4,900 recipe reviews.

CERTIFICATIONS

Building Adaptive AI Agents, DeepLearning.AI

Sep 2026

Terraform Beginner Bootcamp (Terraformer), ExamPro

Oct 2023

Foundations of Humane Technology , Center for Humane Technology	Sep 2023
Asana Together: Asana Ambassador Orientation , Asana	Apr 2022
Time Management Fundamentals , LinkedIn	Feb 2018
Emergency Medical Technician (EMT) - Specialist , National Registry of Emergency Medical Technicians	
AWS Certified Solutions Architect – Associate , Amazon Web Services (AWS)	
AWS Certified Cloud Practitioner , Amazon Web Services (AWS)	
Enterprise Design Thinking Practitioner , IBM	
Front End Development Certification , Free Code Camp	

SKILLS

Agentic AI Development · AI Agents · Automation · DevOps · Infrastructure Management · Infrastructure · Bayesian statistics · Data Analysis · Web Scraping · Basic Life Support (BLS) · Teaching · Technical Documentation · Django · Pandas (Software) · Linux · Design Review · Data Structures · Algorithms · Mathematical Modeling · Applied Mathematics · Angular · Angular 2+ · AWS · Axe · Bootstrap · CDN · Lazy loading · Containers · Contentful · Cross-browser compatibility · CSS Grid · CSS3 · Cypress · Debugging · Design patterns · ES6+ · Express · Git · GitHub Actions · GraphQL · HTML5 · Java · JavaScript · jQuery · Kubernetes · Local Storage · Mentoring · MySQL · Next.js · Node.js · npm · Python · React · AWS RDS · Responsive design · RESTful APIs · Ruby on Rails · Session Storage · SPA architecture · SQL · Terraform · Testing · Test-Driven Development · TypeScript · Third-party API integration · Responsive images · API design · Browser Developer Tools · Cross-functional collaboration · Frontend caching · Google Analytics · Component-based architecture · AJAX