

Stephen Pinkerton

📞 [redacted] • ✉️ stephen@pinkerton.io • 🌐 pinkerton.io
linkedin.com/in/spnktn

Experience

Datadog

Product Manager

NYC, NY

Starting January 2019

- Building more resilient organizations through better monitoring + observability of their applications.

Cloudflare

Product Strategy Intern

San Francisco, CA & Austin, TX

June-September 2018

- Shipped an integration with Cloudflare Workers and the Serverless framework, unlocking new enterprise revenue. Led a scrappy team of engineering interns and coordinated a joint marketing push with Serverless.
- Shipped Workers KV, an eventually-consistent datastore. Involved in requirements, pricing, GTM, day-to-day.
- Took on interim PM duties + growth + content marketing + product research for 1.1.1.1 (bit.ly/2pvAXba).
- Gave talks in SF and London about real-world serverless development and promoted our announcement.

Monzo Bank

Engineering Intern

London, U.K.

July-September 2017

- Engineered a backend service powering the company's first real-time machine learning model (Go, Python).
- Built core services enabling chat and email support for an internal CRM (Go, Cassandra).
- Created frontend features for tools used to assess customers' credibility (ES6, React, Redux).
- Designed and began building a data pipeline to improve analytics data consistency (Cloud Dataflow).

Google (Nest Labs)

Software Engineering Intern

Palo Alto, CA

June-September 2016

- Completed a highly-demanded feature for "sleepy" devices to sync time, empowering future algorithm development.
- Built data tools (pandas, BigQuery, SQL) for RAM usage in a new product and patched memory leaks (C++).
- Reworked peripheral initialization in several embedded products, saving ~6 kB of flash in the Nest Detect alone.

Square

Embedded Software Engineering Intern

San Francisco, CA

June-August 2015

- Selected to be a KPCB Engineering Fellow (~85 students selected among 2500 applicants, kpcbfellows.com).
- Developed firmware to control the physical UI of a contactless credit card reader (C, RTOS).

Square

Software Engineering Intern

San Francisco, CA

June-August 2014

- Built BI tools and internal web apps to help departments understand their data (Rails, Javascript, CSS).

Facebook

Client Platform Engineering Intern

Menlo Park, CA

June 2013 - May 2014

- Iteratively rebuilt company-wide Mac provisioning & automation tools to execute faster and more reliably.
- Some work has been open-sourced at github.com/facebook/it-cpe and is used extensively by other IT orgs.

Projects

- **Knowledge Graph** - Website that ingests unstructured data to model the real world (Spacy, Flask, React).
- **Artwork classifier** - CNN classifier that reliably identifies types of artwork (vase, painting, statue, etc.).
- **Index fund analysis** - Scraped, cleaned, and analyzed historical ETF data (Go, SQL, Excel).
- **Crawler** - Concurrent single-domain web crawler in Go (github.com/pinkerton/crawler).

Education

University of California Santa Cruz

B.S. Computer Science

Santa Cruz, CA

2017- March 2019

- Notable coursework in AI, NLP, Database Internals, Computer Architecture, and Product Design Research.
- Building a Nasdaq ITCH data pipeline for Prof Eric Aldrich with the goal of understanding the market effects of index fund reconstitution and applying deep learning methods to ticker data.