ANDREW BEZOLD

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EDUCATION

University of Louisville   Louisville, KY
BS Computer Engineering/Computer Science   Dec 2015

EXPERIENCE

Passthrough   Cold Spring, KY
Software Engineer   Jan 2023 - Sep 2023

- Implemented site-wide redesign, upgrading our design library and building out base components to be used across our customer-facing product
- Built API endpoints for investment firms to integrate with our product
- Designed and built a organization permission system and go-live workflow for fund managers
- Built a system to allow for management of multiple levels of trusted domains for a given organization
- Created pre-publication validation for investor questionnaires to ensure resulting subscription documents would be correct
- Managed multiple parallel deployments of our product, using Google Cloud Platform

Doordash (formerly Bbot, Jan 2021 - Mar 2022)   Cold Spring, KY
Software Engineer   Jan 2021 - Dec 2022

- Integrated Bbot's Order-And-Pay Product with other companies' products (3rd party delivery, reservations, rewards)
- Designed and built high-demand features for high value restaurants (Multivendor Delivery for foodhalls, Loyalty Integration webhooks)
- Refactored key internal features encompassing large portions of the codebase, and write Django migrations to alter existing records to match
- Directly contributed to $100m acquisition by Doordash as part of a team of 2 engineers working on API and integrations

Siemens   Milford, OH
Software Engineer   Jan 2017 - Dec 2020

- Maintained and enhanced global infrastructure consisting of 400+ servers worldwide protecting company assets from malware and intrusions resulting in daily detections of threats, utilizing Puppet, Linux, and Elasticsearch
- Built and maintained UI used by analysts to search and dig into alerts from security infrastructure
- Built a system to translate from our in-house search syntax to the syntaxes used by Elasticsearch and other data analytics systems
- Developed malware/intrusion detection scripts to analyst specs, sifting through petabytes of data daily to create incident alerts
- Mentored and trained new employees on our infrastructure and development processes

SKILLS

Python, Django, Javascript, React, Typescript, NodeJS, Kotlin, Git, PostgreSQL

PROJECTS

Portfolio Website *Typescript, React*   https://github.com/AndrewBezold/personal_webpage/
Personal website, basically a resume in a different form. Written in Typescript and React, using Mantine as the design library. Backend is written in Typescript and Node.

Shosetsu *Kotlin*   https://gitlab.com/shosetsuorg/shosetsu/
Android app for reading webnovels, written in Kotlin. Contributing to the project by writing features and fixing bugs.

Numerai *Python, Go*   https://github.com/AndrewBezold/numerai/
Participated in a recurring AI contest. Wrote multiple machine learning models in Python, along with a webserver to receive webhook requests to run these models live, and infrastructure to manage the model creation and retrain them on a regular basis. Originally wrote webserver in Go, which was scrapped for flexibility reasons. Webserver and surrounding infrastructure are in linked repo, models will not be made public.