

JOSEPH DISTLER

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WORK EXPERIENCE

HomeAway

Software Engineer

Austin, TX

JUNE 2016 - PRESENT

- Built **back-end Java Services** with an emphasis on **Service-Oriented Architecture**
- Unlocked **\$1M+ Yearly Gross Booking Value** by engineering 32+ night stay quoting solution
- Distributed data to partners such as Expedia by designing and exposing **REST APIs and Kafka streams**
- Designed a **DataDog Kafka integration** for custom metric reporting on several production services

Spiceworks

Software Engineer Intern

Austin, TX

JAN 2016 - MAY 2016

- Maintained and developed customer-facing IT products as part of the Infrastructure Team
- Developed debugging skills for a back-end IT management application in **Ruby**

IBM

Software Engineer & Network Engineer Co-op

Austin, TX

JUNE 2015 - DEC 2015

- Implemented a **full-stack web application** to manage server room inventory and automate bookkeeping
- Built an **IoT** server room monitor using Raspberry Pi hardware with environment sensors and a **Node.js server**

PROJECTS

NANO Poker Club

Cryptocurrency Poker Site

- **Founded** an online **live Poker gaming site** which uses the NANO Cryptocurrency for **automatic payments**
- Developed the **React** front-end, the **NANO payment system**, and the **Poker server integration**
- Handled all dev-ops needs for **managing deployments**, firewalls, and various cloud instances
- Worked on a **Python, React, NGINX, MongoDB, SQLite** stack with hosting on **AWS** and Hetzner
- Grew the site to **1500+** signups and **75** daily active users before **being acquired** by UK based Allin.BET

NANO Reddit Tip Bot

Cryptocurrency Tip Bot | https://github.com/jdistler/NANO_reddit_tipbot

- Wrote an **open-source** tip bot which allows Reddit users to distribute NANO Cryptocurrency funds
- Abstracted away the NANO wallet by allowing access to funds via Reddit private message and post comments
- Built with the **Python** Reddit API Wrapper to handle incoming events and outgoing API calls
- Reached **1700+** signups and with a total wallet balance of **\$5,000** being managed by the bot
- The original codebase has been forked and continues operation

Access to private GitHub source code for all projects may be granted on request

TECHNICAL SKILLS

Languages

Fluent Java
Experienced Python, JavaScript, SQL
Proficient Bash

Frameworks

Dropwizard, Bootstrap, React, jQuery

Technologies

Apache Kafka, AWS, Docker, Maven, Node.js, PostgreSQL, SQLite, MongoDB, Cassandra

Tools

Git, Jira, CI/CD Jenkins, Vim, DataDog, Splunk, \LaTeX

Methodologies

Agile, Scrum, Kanban

EDUCATION

The University of Texas at Austin

BACHELOR OF ARTS IN COMPUTER SCIENCE

DECEMBER 2018