

JOSEPH DISTLER

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WORK EXPERIENCE

HomeAway

Software Engineer Summer Intern & Fall/Spring Co-op

Austin, TX

JUNE 2016 - PRESENT

- Built back-end Java web applications with an emphasis on Service-Oriented Architecture and Micro-Services
- Utilized best practices in project management with agile methodologies including Scrum and Kanban
- Distributed business data to partners such as Expedia by designing and exposing APIs and Kafka streams
- Designed a DataDog Kafka integration for custom metric reporting on several production services
- Enabled real-time monitoring and alerting for granular visibility into live service health
- Created infrastructure to process real-time production data for live metrics analysis and A/B Testing
- Crafted a Node.js web application to configure/create new tests and calculate A/B test results on-demand

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 | <http://nanopoker.club>

- Created 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 among two providers
- Worked on a Python, React, NGINX, MongoDB, SQLite development 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 TipBot

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 peak cumulative bot wallet balance of \$5,000

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

TECHNICAL SKILLS

Languages

Java8, JavaScript, Python, C, Bash, SQL, HTML/CSS

Frameworks

Dropwizard, Bootstrap, React, jQuery

Technologies

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

Tools

Git, Jira, Jenkins, Vim, DataDog, Splunk, L^AT_EX

EDUCATION

The University of Texas at Austin, B.A COMPUTER SCIENCE

EXPECTED DECEMBER 2018