

# JOSEPH DISTLER

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## WORK EXPERIENCE

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### HomeAway

Austin, TX

Five Terms as Software Engineer Summer Intern & Fall/Spring Co-op

JUNE 2016 - PRESENT

- Built **back-end Java Micro-Services** with an emphasis on **Service-Oriented Architecture**
- 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
- Enabled real-time monitoring and alerting for visibility into live service health **currently in production**
- Created infrastructure to process real-time production data for **live metrics analysis** and **A/B Testing**
- Utilized best practices in project management with agile methodologies including **Scrum and Kanban**

### Spiceworks

Austin, TX

Software Engineer Intern

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

Austin, TX

Software Engineer & Network Engineer Co-op

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

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### NANO Poker Club

*Cryptocurrency Poker Site* | <http://nanopoker.club>

- **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](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

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

## TECHNICAL SKILLS

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### Languages

**Fluent**      Java  
**Experienced** Python, JavaScript, SQL  
**Proficient**    C, Bash, Ruby

### Frameworks

Dropwizard, Bootstrap, React, jQuery

### Technologies

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

### Tools

Git, Jira, Jenkins, Vim, DataDog, Splunk,  $\LaTeX$

## EDUCATION

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### The University of Texas at Austin

EXPECTED DECEMBER 2018

BACHELOR OF ARTS IN COMPUTER SCIENCE