

JOSEPH DISTLER

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Software Engineer with a professional background in *Java, Python, and Big Data Analytics*. Proficient in *Full Stack Development, JavaScript/NodeJS* and *Ruby/Rails*

EDUCATION

MAY 2018 B.S. in COMPUTER SCIENCE, **The University of Texas at Austin**
Data Structures; Discrete Mathematics; Computational Evolution Research

WORK EXPERIENCE

HomeAway

Software Engineer Intern

Austin, TX

JUNE 2016 - DEC 2016

- Designed infrastructure to operationalize A/B Testing
- Leveraged Apache Hadoop, Kafka, and Samza to process hundreds of events/second
- Completely automated A/B Test readouts will increase testing velocity tremendously

Spiceworks

Software Engineer Intern

Austin, TX

JAN 2016 - MAY 2016

- Maintenance and development of customer-facing products as part of the Infrastructure Team
- Significant exposure to back-end development using Ruby on Rails

IBM

Software Developer & Network Engineer Co-op

Austin, TX

JUNE 2015 - DEC 2015

- Released internal solutions to support Cloud Infrastructure and Networking IT
- Implemented a front-end tool to manage inventory and reduce processing time by 50%

TEKWW

Non-Profit for Technology Education Founder | jdistler.me/ecuador

Quito, Ecuador

FEB 2013 - AUG 2014

- Founded a student run volunteer organization to donate Raspberry Pi Computers
- Two successful trips for donations; Resources reached 500+ elementary age students

PROJECTS

telephony

2015 IEEE/IBM Watson Student Showcase Top 5 Finalist

telephony.mybluemix.net | lnkd.in/ejyV8mx

- "Telephone game" that passed a string of text through multiple levels of translation
- Utilized IBM Watson APIs - Text-To-Speech, Speech-To-Text, and Translate Functionality

vibED

HackTX 2015 Top 10 Finalist

devpost.com/software/vibed

- Designed a winning Hackathon project that promotes workplace productivity
- Intel Edison sensors take in ambient factors to identify an adverse work environment
- Mobile device notifies user to make a change before productivity is compromised

IoT Lab Sensors

IBM Internal Project for Lab Monitoring

- Developed a full-stack Bluemix application to monitor the status of various labs
- Sensor data (temperature, door open duration) collected and web dashboard updated
- Raspberry Pi Hardware with a Node.js Back-end and Bootstrap for the front-end