Joseph Distler

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Education

The University of Texas at Austin, B.S. in Computer Science   Expected May 2018

Work Experience

HomeAway   Austin, TX
Software Engineer Intern   June 2016 - Dec 2016

- Designed infrastructure to operationalize A/B Testing on micro-conversions for all products
- Leveraged big data technologies - Apache Hadoop, Kafka, and Samza to process thousands of events/second
- Completely automated A/B Test readouts with a Node.js web application to increase testing velocity

Spiceworks   Austin, TX
Software Engineer Intern   Jan 2016 - May 2016

- Maintained and developed customer-facing products as part of the Infrastructure Team
- Experienced significant exposure to back-end development working on an IT management application
- Delved into the particulars of Rails by assisting on a major upgrade to Rails v3

IBM   Austin, TX
Software Engineer & Network Engineer Co-op   June 2015 - Dec 2015

- Released internal solutions to support Cloud Infrastructure and Networking IT
- Implemented a full-stack web application to manage inventory and reduce processing time by 50%
- Built "IoT Lab Sensors" using Rasperry Pi hardware with environmental sensors and a Node.js server

TEKWW   Quito, Ecuador
Non-Profit for Technology Education Founder | jdistler.me/ecuador   Feb 2013 - Aug 2014

- Founded a student run volunteer organization to donate educational resources - Raspberry Pi computers
- Succeeded with two trips for donations; Resources reached 500+ elementary age underprivileged students

Projects

Crypto Swap   http://cryptoswap.ml
Cryptocurrency algorithmic trader

- Created a trading bot in Java with the XChange library for interacting with 50+ bitcoin and altcoin exchanges
- NGINX acts as a reverse proxy to serve a Node.js web server which pulls in statistics from the trading bot

telephony   telephony.mybluemix.net | lnkd.in/ejyV8mx
2015 IEEE/IBM Watson Student Showcase Top 5 Finalist

- "Telephone game" that passed a string of text through multiple layers of translation through foreign languages
- Utilized IBM Watson APIs - Text-To-Speech, Speech-To-Text, and Translate functionality

vibED   devpost.com/software/vibed
HackTX 2015 Top 10 Finalist

- Collaborated on a winning Hackathon project that promotes workplace productivity and concentration
- Intel Edison computer module senses ambient factors to identify an adverse work environment
- Mobile device is alerted and notifies user to make an appropriate change before productivity is compromised

Technical Skills

Professional Experience	Full-Stack Web Development and Big Data analytics
Programming	Java, JavaScript, Python, Ruby
Frameworks/tools	Node.js, jQuery, Ruby on Rails, Spring, Maven, Bootstrap, Git, Jira, RegEx, LaTeX