

JUSTIN SOFIA

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Back-end Software Engineer with significant experience in building web apps, managing Linux-based systems, DevOps, Python, Java, C#, Django, .NET, and Jenkins. I like to lead, build things, and make them scale.

EDUCATION

The University of Texas at Austin *Overall GPA: 3.54* May 2015

EXPERIENCE

IBM Corporation – *Software Engineer*; Boston, MA September 2017 – Present

- Build automation with Jenkins and Ruby to manage over 1000 servers as part of developer sandbox environments
- Manage and troubleshoot over 1000 Linux-based servers comprising the developer sandboxes
- Implement back-end interface in Java to swap environment infrastructure from VMware to OpenStack private cloud solution

Pison Technology – *Software Engineer*; Boston, MA October 2017 – Present

- Build and architect core Big Data application in Python with Django for uploading massive data to a cloud PostgreSQL database
- Implement native hardware data collection in Java and Kotlin
- Manage cross-functional team to facilitate data collection and user-friendliness

vAuto, Inc. – *Associate Software Engineer*; Austin, TX April 2016 – June 2017

- Responded immediately to production outages; led the process of finding root cause and implementing fixes
- Tuned performance by improving C# code in .NET Framework, SQL queries, Puppet manifests, Powershell scripts, and Bash scripts
- Built monitoring tools with Nagios, Opsview, Puppet, Javascript, and Bootstrap to monitor thousands of servers and services
- Migrated infrastructure platform from on-prem to cloud using AWS, Terraform, and Jenkins

DimeSocial – *Software Developer*; Austin, TX July 2015 – December 2015

- Architected and built core web application for managing and providing employee perks in Python with Django and PostgreSQL
- Built and administered all aspects of application infrastructure using AWS
- Designed internal tools for database management, continuous integration, and deployment automation

KVRX 91.7 FM – *Radio DJ and Host*; Austin, TX Summer 2015 – Spring 2016

- Hosted *The International Hour*, a weekly radio show presenting a diverse range of international musical styles
- Researched artists, genres, and musical history across regions to enhance listener experience

Capital Factory – *Venture Capital and Accelerator Associate Intern*; Austin, TX Fall 2014 – Summer 2015

- Assisted accelerator team through deal sourcing and identification of strategic investments
- Evaluated applications to startup accelerator program and interviewed companies with strong potential
- Paired accelerator companies with strategic mentors and angel investors

LEADERSHIP EXPERIENCE AND VOLUNTEER ACTIVITIES

Samaritans, Inc. – *Mental Health Crisis Hotline Volunteer, Befriender* Winter 2017 – Present

- Take calls from distressed, lonely, or suicidal individuals as they call in to the hotline
- Implement Samaritans' befriending strategy to alleviate emotional distress in callers

Texas Enactus – *President, VP Finance, Project Manager* Fall 2013 – Spring 2015

- Led team of student professionals in solving social needs through application of entrepreneurial principles
- Doubled organization size, doubled number of philanthropic projects, and achieved record-level member engagement
- Founded Enactus' Business Advisory Board with strategic mentors and funding partners
- Coordinated workshops empowering single mothers in Austin to secure employment

ADDITIONAL INFORMATION

Computer Skills: Python, Ruby, C#, Java, JavaScript, PHP, Flask, Django, Git, SVN, Bash, Unix, Linux, Jenkins

Interests: Chat Bots, Saxophone Playing, Big Data, Cloud-based Infrastructure, History, Government, Music, Entrepreneurship

Work Eligibility: Eligible to work in the U.S. with no restrictions