

VINIT PATEL

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EDUCATION

Bachelor of Science Computer Science

May 2018

University of Arizona, Tucson, AZ

Relevant Coursework

Object Oriented Programming with Design, Systems Programming and Unix, Analysis to Discrete Structures, Computer Security, Comparative Programming Languages, Compilers & Systems Software, Algorithms, Management Information Systems

SKILLS

Programming Languages: Java, C, Python, Swift

Database: Redis, MySQL, InfluxDB

Frameworks: Bootstrap, JQuery, Jinja2

Cloud: Amazon Web Services, Heroku

Web: HTML5, CSS3, Flask

DevOps Tools: Docker, Jenkins, Ansible

Additional Skills: Unix, Linux, RESTful, Github, Agile, Nginx

EXPERIENCE

Cisco Software Engineering Intern

May 2017-August 2017

- DevOps Engineering Team on Cisco Internet of Things (IoT) platform
- Lead a project that provides health monitoring of Clusters through Integration Testing
 - Created a Python based Jenkins build script that automates the provisioning of a Cluster
 - Automated Integration Sanity Tests and created a Metrics Dashboard
 - Technology: Python, Jenkins, Vagrant, Terraform, Cisco Cloud, InfluxDB, Grafana, Chronos
 - Mesos, Mesosphere Marathon, Consul, Amazon EC2, Docker
- Day-to-day tasks: Building + Testing + Debugging OpenStack/AWS clusters, Pull Request Testing
 - Technology: Docker, OpenStack, Amazon Web Services Cloud, Sensu, HAProxy, Ansible
 - Infrastructure as Code (IAC)
 - Increased Usability during Provisioning (Saving Time and Increasing Security)
- Creating documentation + diagrams of the entire Infrastructure
 - Had to gain an in-depth understanding of every component in the Platform (PaaS + GWaaS)
 - Technology: Gliffy
- Working in Agile (sprint/scrum) Software Development Environment.
 - Enabled development to be fast, continuous, and cost-effective
 - Collaborated across two different scrums and an offshore team
 - Technology: JIRA

Cisco Software Engineering Intern

May 2016-August 2016

- Automation Infrastructure DevOps Team on Cisco Spark Call platform
- Created a web app tool that allows for a single centric location to log all development bugs and issues
- Technologies used to build Tool: Python, Flask, Html/CSS, Bootstrap, Javascript, JQuery, Redis, Jinja2, uwsgi, Nginx

Hack Arizona Organizer, First Hackathon Event (www.hackaz.org)

Fall 2014-March 2015

- Organized the event logistics with over 400+ attendees
- Helped bring major sponsors to the event such as Google, Cisco, Amazon, and Goldman Sachs
- Hackathon Project: Developed a web-based application using Java and Twilio's API that allowed people to create an account that would send daily messages of positivity to their mobile devices

Services Technology Consultant (uits.arizona.edu)

January 2015-April 2015

- Worked at University of Arizona's Information and Technology & Services department
- Gained strong customer service skills while solving technology related issues
- Provided hardware, software, networking and account related assistance to faculty, student and alumni

PROJECTS

SafeStride (<http://devpost.com/software/safestride>)

- Collaboratively built a safety tool kit for IOS/WatchOS that provides security to people traveling alone
- Implemented automated texting, automated calling, and send location features
- Built using Swift