

Objective

Detail-oriented, highly motivated Software Engineer with a passion for learning and making an impact. Exceptional design, debugging, testing, problem solving and critical thinking skills. Searching for a company that I can be an \int part of culturally and intellectually.

Education

University of Texas Bachelor's in Computer Science <i>3.62 GPA, 3.85 Major GPA</i>	San Antonio 2006-2010
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Employment

Amazon - Lab126 Senior Software Developer Designed and implemented a test framework to replace aging organically grown framework for FireTV testing. Created device pool and declarative pipelines for CI/CD system. Leading porting effort to new framework/training local and remote employees.	Sunnyvale May 2017 – Present
Rackspace - the #1 managed cloud company Software Developer/Security Developer in Test II-IV Building clients and behaviors to facilitate Rackspace to AWS migrations. Creating complex deployments and test scenarios for migrations. Created metrics api backed by object storage with ELK stack dashboard. Designed test harness for software defined networks. Capacity dashboard (Flask/Angular). Billing Testing Automation. Onboarding class for new hires. Threat Models, Code reviews, infrastructure/web app pentesting.	San Antonio July 2013 – Feb 2017
General Dynamics Mission Systems Software Engineer - JTRS Engineering Embedded radio development. Kernel, posix and application layers. RIPv2 Development	Phoenix May 2010 – Apr 2012

Skills

Langages: python, c, c++, shell, java, javascript, puns
Embedded: pyvisa, Green Hills, National Instruments, I2C, Kernel, Posix
Databases: redis, sql databases, ORMs, mongodb
Web: flask, falcon, angularjs, python requests, rpc, websockets...
Cloud/Virtualization: AWS, Openstack, kvm, lxc, docker, openvz, proxmox
Tools: tox, jenkins, burpsuite, wireshark, git, Gerrit, github, unittest
Networking: network+, ccna, RIPv2 dev

Links

Github account: <https://github.com/bucknernes>
Testing framework: <https://github.com/openstack/opencafe>
Security Framework: <https://github.com/openstack/syntribos>
SSH client: <https://github.com/bucknernes/sshaolin>
Bindings: <https://rackerlabs.github.io/rax-binding>