

PRINCE DUEPA

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TECHNICAL SKILLS

Software Engineering

- Adept in Python, Java, and shell scripting
- Proficient with Docker
- ETL design and principals with Apache Airflow
- Proficient in various development environments including Linux, macOS, and Windows
- Git, Make, Gradle, and various software development life-cycle tools
- Familiar with Scrum roles and methodology
- REST API design
- Software testing principals and designs; Experience with JUnit and Pytest testing framework

IT Support/Administration

- Proficient troubleshooting various technology issues
- Adept with all flavors of Windows, macOS, and Linux

Web Development

- Skilled in JavaScript, CSS, and HTML
- Adept with Python's Flask
- Understanding of HTTP/S and TCP/IP

Databases

- Relational databases experience with Microsoft SQL Server and PostgreSQL

PROFESSIONAL EXPERIENCE

Application Analyst Specialist

August 2018 – present • Athens, Georgia

University of Georgia

- Provide technical support for SAGE, the university's student advising tool
 1. Troubleshoot and resolve all issues reported by advisors, students and other stake holders
 2. Work with Office of Instruction - Academic Advising Services to make the tool more advisor friendly
 3. Work with vendor to enable and pilot new features
- Develop and maintain SAGE Management, an in house application use to manage student connections
 1. Python powered REST API back-end using Flask and Microsoft SQL Server
 2. React front-end using React-Admin framework
 3. Provide technical support and bug fixes as well as enhancements
 4. Engage in monthly users' group meetings to acquire feedback
- Develop and maintain SAGE ETL
 1. ETL process written in Python for Apache Airflow that gathers data from various campus sources to populate SAGE
- Implement Bitbucket DevOps CI

1. Run all tests and provide code coverage reporting
 2. Build application
 3. Create Dockerfile and docker-compose for all projects
- SME on Apache Airflow, an open-source workflow authoring and monitoring tool. In addition to SAGE ETL, also worked on
 1. Workflow to update UGA's L-Soft LISTSERV membership
 2. Workflow to update Active Directory Group membership using results of MS-SQL Server stored procedures

IT Service Desk Technician

January 2018 – August 2018 ▪ Boise, Idaho

FlexTechs

- Open, manage, and maintain service tickets using Cherwell

Undergraduate Research Assistant

June 2017 – December 2017 ▪ Boise, Idaho

Boise State University

- Most of my time was spent developing DockoMatic, a open-source, desktop based protein docking automation application. My involvement included feature development, refactoring, and collaborating with a team of faculty.
- Researched and implemented methods to automate the installation of DockoMatic on AWS.
- Researched and implemented methods to surface job progress and error message to front-end GUI.
- Developed, and documented a Bash installer for all flavors of Linux.
- Transition the project from Java to Electron using HTML, JavaScript and CSS using Electron.

Engineering Intern

January 2016 – August 2016 ▪ Boise, Idaho

Z-Data, Inc.

- I lead work on Greenplum bench-marking tool on IaaS providers AWS, Azure, and Google Cloud Platform.
- I worked extensively with HashiCorp open-source DevOps and infrastructure tools Terraform and Vagrant.
- Participated in weekly SCRUM stand-ups.
- Used Chef to automate DevOps tasks.

Tutor

June 2015 – January 2016 ▪ Boise, Idaho

Boise State University

- Tutored for CS-121 (Java I) and CS-221 (Java II). During open lab I helped students with varying programming experience with their questions. Assisted students in weekly hands-on lab.
- Reinforce good programming habits as well as OOP principals and structures.

Senior IT Support Assistant

February 2013 – May 2015 ▪ Boise, Idaho

Boise State University

- I handled over 200 support tickets, fully resolving and documenting issues for future reference.
- Managed and deploy OS images as well as software packages using SCCM 2012 for the College of Business and Economics.
- Managed and deploy printers, network drives, and user accounts with Active Directory Domain Services.
- Use HP Web JetAdmin and Embedded Web Server to manage a fleet of 22 printers. I served as lead on the HP Beta and Delta test programs at the College of Business and Economics.
- I provided support for both on-site and remote clients that included students, staff and faculty.
- Setup and tear-down of various technologies and software.