Abrahan Diaz

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OBJECTIVE

I currently serve as a Senior System Administrator for a large data center company hosting several thousands servers. I have developed extensive experience and competence in all things Linux/Windows administration including scripting. I have developed a talent and passion for data parsing. I have also learned a lot about network and database administration.

My degree offered me significant programming and database knowledge which I practice daily. Please visit my portfolio website to learn more about my expertise and experience: abediaz.me

EDUCATION

University of South Florida   Tampa, FL
Bachelors of Science Information Technology   Graduated December 2022

EXPERIENCE

Hivelocity   Tampa, FL
Senior System Administrator   September 2021-Ongoing
- Administer international datacenter with over 10k linux servers. Parsing logs 300GB+ in the process
- Built and maintained Bash and Python automation scripts
- MySQL/MariaDB/MSQL/PSQL administration
- Administer network switches including building cross campus VLANs

Sam's Club (University Job)   Tampa, FL
Forklift Operator   November 2017-September 2021
- Forklift operator, managed merchandise rotation from warehouse to floor
- University job

MIT Computers   Tampa, FL
Technical Support   May 2016-October 2017
- Contract IT services and computer repair
- Maintained Windows, OSX and Linux computers and offer contract work for small businesses

iSecure   Cape Coral, FL
Technical Support   August 2015-May 2016
- Deployed office computers, networks and servers
- Repaired and maintained computers and phones
- Deployed power and ethernet cables

Marine Corps   MCRD San Diego, CA
Corporal   May 2010-August 2015
- 1341 Engineer Equipment Mechanic
- Mentored junior marines
- Team Leader

SKILLS

Linux
- Senior **Linux** administrator with deep understanding of the **Unix** system architecture(emphasis on RHEL and Ubuntu)
- Advance **data parsing** with extensive knowledge of **grep**, **sed**, **awk**, **find** and the other less(including **less**) common data parsing tools
- Complete knowledge of Basic Regex, Extended Regex and Perl **Regex**
- Advance **Shell scripting** with programming and algorithms background. I have spent the last two years living inside Linux terminal from work and hobby
- **Vim** user

Database
- Database administration managing thousands of **LAMP** servers for a bare metal hosting datacenter
- Studied database design including Normalization and Optimization
- Proficient with **SQL** including DDL, DML, TCL, DCL and most importantly DQL
- Advance **ETL** skills derived from my natural talent for data wrangling
- Database security and backup

Programming
- Proficient in **Java**(10k+ lines)
- Proficient in **Python**(10k+ lines)
- Intermediate **C#** and **C**(2k+ lines)
- Familiar PHP(1k lines)
- Strong **Algorithms and Data Structure** knowledge based

Web
- Proficient in **HTML**, **CSS** and **JavaScript**(10k+ lines)
- Proficient **Web Scraper** from Python and Curl
- Extensive knowledge of **HTTP**/SSL/**DNS**
- Managing and configuring **Apache** and **Nginx**
- **REST** API

Misc
- Intermediate knowledge of both **Cisco IOS** and **JunOS**. I did basic administration for switches and routers including bonding ports, setting up **VLAN**s and monitoring system health
- Over 5 years of **hardware** knowledge from phones to servers from my time in computer repair and datacenter administration
- **Data center** administration including monitoring CRACs, setting up IPMI and Spyder and datacenter security training
- **AWS** knowledge in CloudFormation, **EC2** and S3
- **Version Control**, specifically **Git**
- **IOT** knowledge from school to my own hobbies with Arduino and RaspberryPis