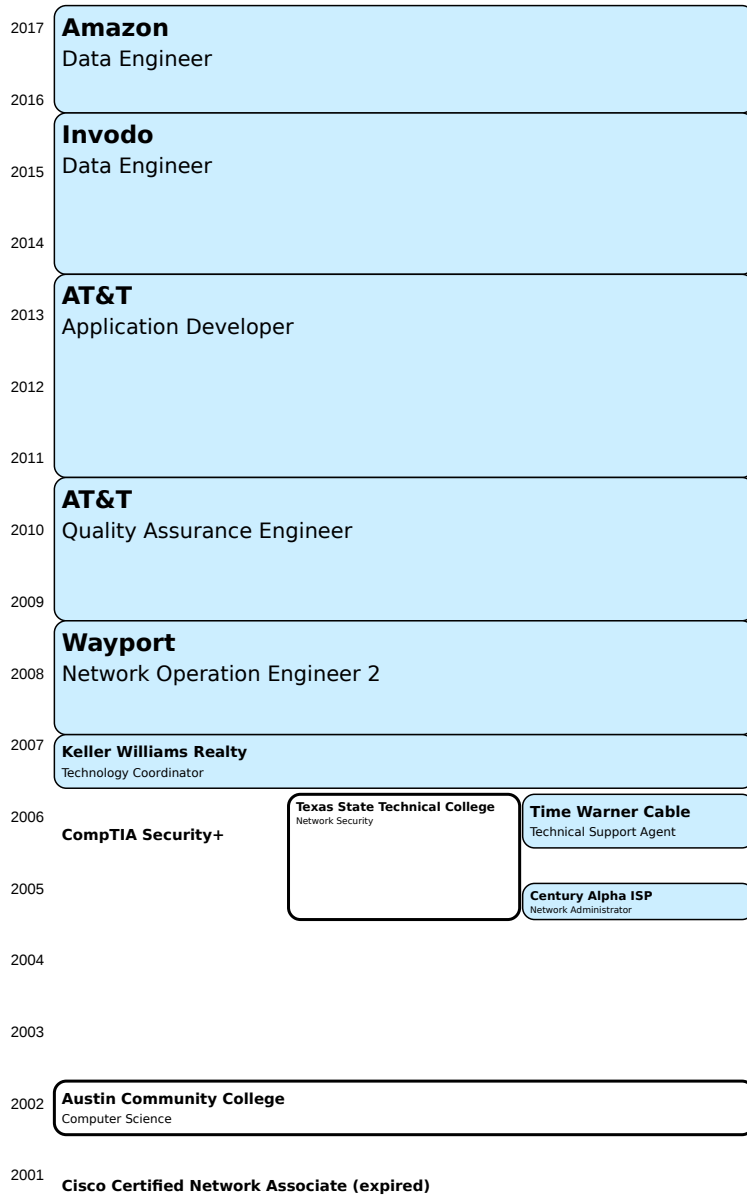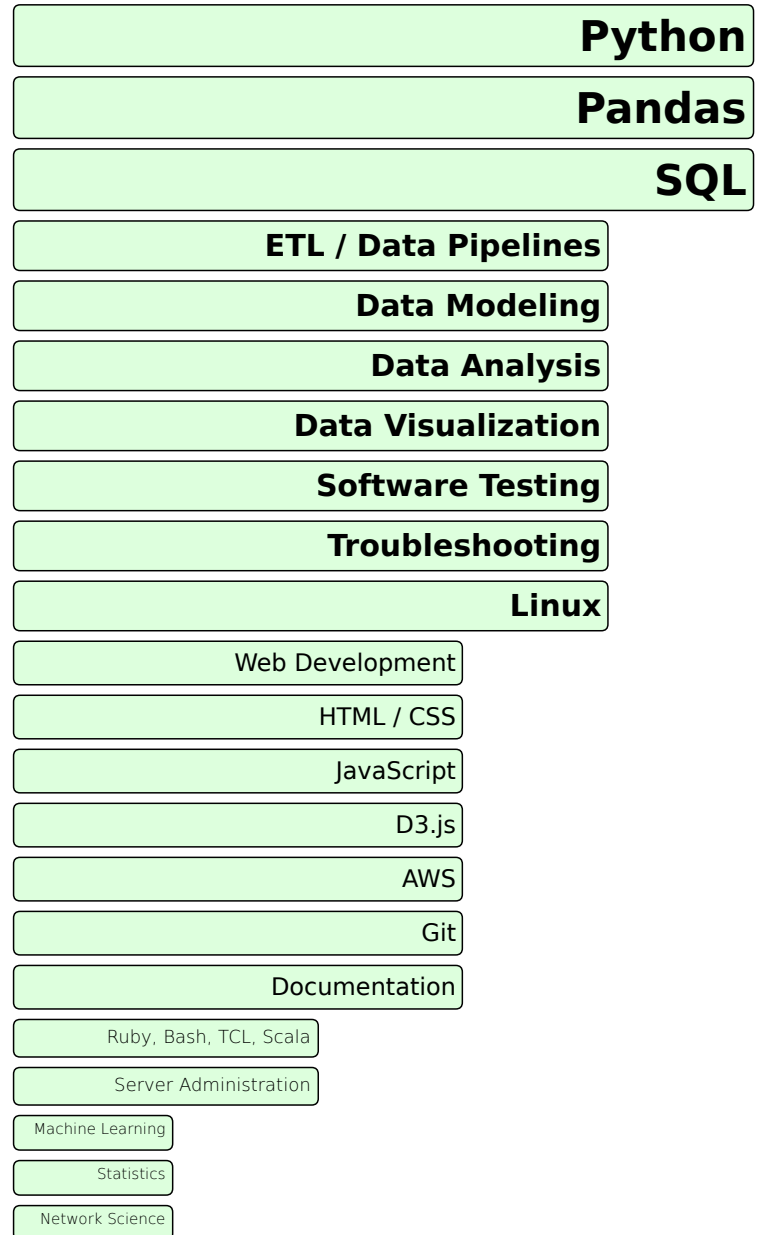# Nick Rains

512-963-9316
nnotreall@gmail.com
github.com/notreal/resume

Highly adaptable communicator finds joy in solving problems and designing systems. Strong database and coding experience complement continuous learning.

Timeline

Year	
2017	**Amazon** — Data Engineer
2016	
2015	**Invodo** — Data Engineer
2014	
2013	**AT&T** — Application Developer
2012	
2011	
2010	**AT&T** — Quality Assurance Engineer
2009	
2008	**Wayport** — Network Operation Engineer 2
2007	**Keller Williams Realty** — Technology Coordinator
2006	CompTIA Security+ / **Texas State Technical College** — Network Security / **Time Warner Cable** — Technical Support Agent
2005	**Century Alpha ISP** — Network Administrator
2004	
2003	
2002	**Austin Community College** — Computer Science
2001	Cisco Certified Network Associate (expired)

Skills

- **Python**
- **Pandas**
- **SQL**
- **ETL / Data Pipelines**
- **Data Modeling**
- **Data Analysis**
- **Data Visualization**
- **Software Testing**
- **Troubleshooting**
- **Linux**
- Web Development
- HTML / CSS
- JavaScript
- D3.js
- AWS
- Git
- Documentation
- Ruby, Bash, TCL, Scala
- Server Administration
- Machine Learning
- Statistics
- Network Science

Employment

Data Engineer at **Amazon** from **2015-11** to **2017-05**

Developed multiple interactive web dashboards [Flask, D3.js, MySQL, Pandas]. Deduplicated effort by creating reusable ETL app, data mart & web stack. Introduced unit & integration tests to team applications. [PyTest]. Advised other teams on data architecture. Engaged users throughout project lifetime.

Data Engineer at **Invodo** from **2013-08** to **2015-11**

Responsible for maintaining entire analytics pipeline. [Postgres, PL/pgSQL, BASH, TCL]. Led design and implementation of more scalable pipeline. [Python, Redshift]. Found and fixed bugs. Delivered custom reports. Answered questions from non-technical team members.

Application Developer at **AT&T** from **2010-10** to **2013-08**

Developed robust, efficient PL/SQL scripts to fix bugs & implement new features. Designed, enhanced and implemented stored procedures and packages. Tested my own code and reviewed other developer's. Assisted QA & other developers. Coordinated creating a new dev environment with dozens of servers.

Quality Assurance Engineer at **AT&T** from **2008-10** to **2010-10**

Designed & implemented test cases for complex multi-server environment. Investigated causes of defects. Automated repetitive tasks. Suggested process improvements to management. Interviewed candidates. Mentored junior members. Documented institutional knowledge.

Network Operation Engineer 2 at **Wayport** from **2007-03** to **2008-10**

Supported and repaired servers, networks, and business applications for hospitality, retail, and other clients. Managed outages, escalating when necessary. Troubleshot to resolve chronic and immediate issues. Coordinated with customers, vendors, peers, and management to meet goals quickly & effectively.

Technology Coordinator at **Keller Williams Realty** from **2006-06** to **2007-03**

Responsible for assisting agents in anything technical. Maintained the office"s infrastructure including phone system, copiers, faxes, printers, the network, computers, thin clients, Active Directory, fax-to-email server, and email server.

Technical Support Agent at **Time Warner Cable** from **2005-08** to **2006-05**

Cable, broadband, and phone troubleshooting and customer service in a fast-paced call center environment.

Network Administrator at **Century Alpha ISP** from **2004-08** to **2005-02**

Web, email, DNS, and RADIUS server administration for small ISP. Security incident response & data recovery.

Education

Studied **Network Security** at **Texas State Technical College** from **2004-08** to **2006-05**

Studied **Computer Science** at **Austin Community College** from **2001-08** to **2002-05**

Certification

CompTIA Security+ on 2006-01

Cisco Certified Network Associate (expired) on 2000-08

References available upon request