

# ALLEN LYONS

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## SUMMARY

A quick-learner, I'm excited to dive into any new technology, language, or skill to further increase my knowledge base and make myself an effective team member for any project. I wear many different hats at my current company as an ETL developer, database architect, Linux admin, and full stack web developer. I'm eager to find a company where I can continue to gain experience in any or all of those roles.

## SKILLS & ABILITIES

**Programming:** Python, Javascript, NodeJS, PL/SQL, SAS, Java

**Web Technologies:** React, Angular, RestAPI, HTML5, CSS, MVC Design

**Data Management:** Oracle SQL, MySQL, PostgreSQL, MongoDB, Data Warehouse Principles

**Miscellaneous:** Unix/Linux, AWS, Git, SVN, Pentaho

**Certifications:** SAS Certified Base Programmer for SAS 9

## EXPERIENCE

### Software Developer

2014 – Present

#### *Financial Risk Group*

Primarily work on the development of a software as a service project geared towards financial institutions.

- Design and build a data warehouse for the storage and analysis of large amounts of financial data
- Develop and maintain ETL (Data Extraction, Transformation, and Loading) processes to extract data from multiple sources including flat files, excel documents, Oracle 11g databases, and pricing APIs
- Develop scripts to automate the execution of ETL using shell scripts, Python scripts, and scheduling tools such as IBM Flow Manager
- Manage the creation of new users and the code promotions on AWS hosted servers
- Assisted with the setup of internally hosted CentOS servers for development and sales demonstrations.

## EDUCATION

### Bachelor of Science in Information Science

May 2014

*University of North Carolina at Chapel Hill*

#### *Relevant courses*

- Databases, Web Development, UI Design, Usability Testing and Evaluation, Programming Information Applications, Systems Analysis