

Carl Lin
Software Engineer
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PROGRAMMING SKILLS

- **Languages:** Python, Java, Javascript, SQL
- **Technologies:** AWS, Git, Apache Airflow, React, Angular, Maven, Springboot, Tableau, MySQL, Vertica, Docker, Jenkins, Splunk

EXPERIENCE

- **ADP** Atlanta, GA
Application Developer Aug 2021 - Aug 2023
 - **Apache Airflow, Python:** Successfully integrated Amazon Managed Apache Airflow on AWS to automate tasks such as ETL pipelines to generate reports.
 - **SQL:** Built ETL models to enhance business processes and automate data extraction for over 50+ million records.
 - **Tableau:** Constructed various feature dashboards (Enrollments, EWA, Savings Envelopes, etc.) on Tableau to help the business make more informed decisions.
 - **Java, Springboot, Splunk:** Designed enhancements and updates for subsystems of end-user applications software running on local, networked and Internet-based platforms.
 - **AWS, Jenkins:** Led production code deployments for new features such as changes in infrastructure and feature development.
 - **Git, JIRA:** Reviewed project specifications and designed technology solutions that met or exceeded performance expectations.
 - **Confluence:** Implemented new documentation that future engineers can use when developing new features.
 - **Agile:** Attended agile sprint meetings for updates on new features of products along with mentoring new junior engineers.
- **Theissen Training Systems** Gainesville, FL
Software Engineering Intern Jun 2020 - Jul 2021
 - **Python, Javascript:** Built internal tools using Python and Javascript - W2UI Library - to assist executives into making more data informed decisions.
 - **Infrastructure:** Set up the Git Lab server on the local network, collaborated with fellow engineers on the creation our database, and implemented/introduced Docker.

PROJECTS

- **SmallTalks**
Full Stack Developer
 - **Description:** Collaborated with a team of three other engineers. Implemented Admin Functionality such as post management and user validation.
 - **Tech Stack:** Utilized ReactJS as the front-end technology, socket.io communication protocol between front-end and back-end, a typescript server, and MongoDB.
- **Petrees' Prints**
Scrum Master and Front-End Developer
 - **Description:** Led team meetings - Dailies, Groomings, Retrospectives. Worked on various different features in Angular.
 - **Tech Stack:** Utilized the MEAN stack to help flush out our project to the stack holders.

EDUCATION

- **University of Florida** Gainesville, FL
Bachelor of Science in Computer Science July 2017 - May 2021