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## Lead Software Engineer

### EDUCATION

<b>Clemson University</b>	<b>Clemson, SC</b>
Bachelor of Science in Computer Engineering, Software Engineering Specialization	May 2014
<b>Georgia Institute of Technology</b>	<b>OMSCS</b>
Master of Science in Computer Science, Interactive Intelligence Specialization	December 2018

### EXPERIENCE

<b>Swampfox Inc.</b>	<b>Columbia, SC</b>
Lead Software Developer	May 2014 - Present

- Develop Web services, engines, IVRs, and Products for Fortune 500 Companies
- Create Database and Web Service Connectors in Java Spring to interface with Applications
- Using PostgreSQL and Jasper Reports, design detailed reports for all Swampfox Applications
- Work in a collaborative environment with other developers using Agile Methodologies.
- Develop using Java, Spring, PHP, Python, PostgreSQL, Microsoft SQL, and Oracle Database.

<b>Sealed Air</b>	<b>Spartanburg, SC and Remote</b>
Server and Database Team	May 2013 – May 2014

- Ported and streamlined code in Perl, Ruby, and other scripting languages to a more cohesive streamlined project in Python

### SELECTED PROJECTS

<b>Owner, Machine Learning Engine</b>	<b>Q3 2018 – Present</b>
Architecture and Design of Call Center Metric's Predictor	

- Using Python's scikit-learn + PostgreSQL to predict difficult metrics

<b>Lead, Service Layer, Product Management Interface</b>	<b>Q2 2018 - Present</b>
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Lead architecture design and creation of DB interface using Java Spring.

<b>Owner, Middle-ware/DB/Service Layer</b>	<b>Q1 2017 – Q2 2018</b>
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*Created Services for IVR, administration interface Serving 2.1 million customers*

- Designed IVR/GUI Connectors using Java, Spring, JAXB, SQL Server, OracleDB

<b>Owner, Continuous Integration and Source Control</b>	<b>Q1 2018 – Present</b>
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*Create CI and automated building for all IVRs, GUIs, and Company Products in Jenkins*

- Created process for moving version control systems from CVS to Git.

<b>Web service and Database Connectors</b>	<b>Q1 2015 – Present</b>
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- Designed using Java, PostgreSQL, and PHP
- Consume SOAP/JSON to communicate with various IVRs and products

<b>Owner, Reporting for all Applications - IVRs</b>	<b>Q3 2014 – Q4 2016</b>
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*Lead all current report design and generation*

- Involved in projects requiring custom reporting to ensure logging is stored for reporting requested

### SKILLS

#### Languages and Syntax:

Python (6 years experience)  
Java (6 years experience)  
JavaScript (3 years experience)  
PHP (2 years experience)  
HTML/CSS (6 Years experience)  
C (5 years experience)

#### Prior Experience:

SOAP/REST web services  
Spring  
Machine Learning  
AngularJS/2+  
PostgreSQL/MSSql/OracleDB  
IVRs