

Technical Skills

- Languages: Python, Java, Ruby (Rails & Sinatra), BASH, PowerShell, JavaScript, HTML5/CSS
- Databases: Oracle Database 11g, MySQL, PostgreSQL, MSSQL
- Methodologies: Agile, Waterfall, Object-Oriented, MVC

Projects

- Generic File Monitor
 - Extracted historic metadata from various Windows Servers using scheduled PowerShell scripts
 - Used Pandas DataFrames to clean and extract relevant time stamps and file size
 - Analyzed historic metadata using a Isolated Forest algorithm in Python to detect anomalies
 - Displayed visualization and notification using Highcharts and a rudimentary Flask server
- Social Media Data Analysis with Hadoop Cluster
 - Revived 4 decommissioned desktops to install Ubuntu Server, Hadoop, and Cloudera Manager
 - Cleaned and extracted relevant social media data using Natural Learning Toolkit (NLTK)
 - Utilized a NaiveBayesClassifier to categorized data to identifying specific customers comments
- Track-It! JIRA Migration
 - Created an automated Python script to retrieve data from BMC Track-It! MSSQL database to POST/PUT the data to JIRA Software via REST API
 - Handled exceptions and generated logs with traceback stacks for detailed debugging
 - Followed strict PEP8 style compliance for ease of maintainability and reusability
- Ctrl-Cloud
 - Multi-platform (Android, Web, Windows) integration with Ruby on Rails Backend
 - Developed RESTful API to utilized JSON parsers for multi-platform access
 - Deployed to Heroku, Chrome Play and Extension Store, Firefox Add-on Marketplace
- Deep Blue
 - Paired programming with two other developers using Waterfall methodology
 - Utilized Java 8 and Eclipse IDE to design, code, test a fully functional text-based adventure game
 - Analyzed requirements specifications to construct UML/ERD diagrams, wireframes, and JUnit tests

Education

Lawrenceville, GA	Georgia Gwinnett College	08/2013 - 05/2016
<ul style="list-style-type: none">• Bachelor of Science: Information Technology• Concentration: Software Development• Minor: Business Administrations• GPA: 3.79		

Professional Experience

Data Analyst Intern	Porsche Cars North America	12/2016 - 08/2017
<ul style="list-style-type: none">• Automated documentation from Office docs to Jira and Confluence with PowerShell scripts• Automated migration from BMC Track-It! to Jira via REST APIs and SQL Server data in Python• Utilized a machine learning isolation forest algorithm to monitor anomaly status of file feeds• Established a custom Hadoop Cluster environment for analyzing social media data		