

ALEXANDER YEHL

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OBJECTIVE

SWE & IT Professional seeking roles in Data Analytics, Software Development, IT, and Business Intelligence areas.

EDUCATION

Masters of Management Information Systems , University of Arizona	<i>Jul 2025</i>
Certificates: Business Intelligence & Analytics, Enterprise Information Security	GPA: 4.0
Bachelor of Computer Science , University of Notre Dame	<i>Aug 2015</i>

SKILLS

Programming	OOP, Python, C/C++, Java, SQL, R, Shell Scripting (C-Shell, Bash), Javascript, HTML/CSS
Frameworks	Flask/Django, Selenium, BeautifulSoup, Pandas, FastAPI, APIs (JSON/XML/REST/AJAX)
Database	PL/SQL, MS SQL, Oracle, Data Warehouse (Star Schema) & Administration
Software Tools	Azure/AWS, Git, JIRA/Salesforce, Windows Servers & Linux OS
Data Analytics	Python, R Studio, Tableau, Gephi, Google Analytics

WORK EXPERIENCE

Data Development/Operations Associate Wilshire Associates	<i>Sept 2018 - May 2023</i> Santa Monica, CA
<ul style="list-style-type: none">Project lead/developer for internal Web applications using Python/Flask libraries hosted through Windows IIS Intranet Web Servicing to facilitate data manipulation from Operations members without direct access to SQL Database.Generate SQL Procedures & Jobs to handle data flow through MS SQL Server for intake/delivery and manipulation of input/output data files.Performed task automation in both Windows/UNIX environments to increase team productivity & efficiency.Created Data Mining scrapers with Batch/PowerShell, Python/Selenium/BeautifulSoup/Requests, UNIX/Bash to grab Web Data and generate database-loadable format files.Worked in Production capacity to verify/fix data file generation & delivery issues during nightly/weekend Operations & ensure data operations run in timely capacity.	
System Administrator/Application Support Analyst Wilshire Associates	<i>Aug 2016 - Sept 2018</i> Santa Monica, CA
<ul style="list-style-type: none">Provided application & client support operations with various Windows and UNIX-based technologies.Installing and managing application environments using Active Directory, Citrix XenApp, and Apache Tomcat.Working with Relationship Managers, IT, Development, and Management to provide multi-level support for Clients.Utilizing Salesforce.com and JIRA to track and service any issues pertaining to clients or applications errors.	

PREVIOUS EXPERIENCE

Technical Consultant — Pan-Tech Inc.	South Bend, IN — <i>2011 - 2016</i>
Support Technician — University of Notre Dame OIT Help Desk	Notre Dame, IN — <i>2012 - 2015</i>
Performance Support Tool Developer — Sprint Corporation	Overland Park, KS — <i>Summer 2014</i>
Technical Consultant — University of Notre Dame ESC Dept	Notre Dame, IN — <i>Summer 2010</i>

PROJECTS

WellCareCorp Database	<i>Tools: PL\SQL, Oracle RDBMS, MS Visio</i>
<ul style="list-style-type: none">Created a fully-functional normalized Enterprise Database using PL\SQL & Oracle RDBMSPopulated database with data created from User-Generated Scripts, Triggers, Stored Procedures, and QueriesInitial Design documents complete with Entity Relationship Diagrams, Relational Schemas, and Data Dictionaries	
Cafe Data Analysis	<i>Tools: R Studio</i>
<ul style="list-style-type: none">Cleaned & processed economic variability dataset to determine best suggestions for improving overall Spend per CustomerUsed Data Modeling techniques (Logistic Regression, Naive Bayes, k-Nearest Neighbors, Decision Trees)Generated resultant plot points & trends in Data Visualizations to assist in analysis & presentation	
Tableau Aviation Analysis: Birdstrikes	<i>Tools: Tableau, MS Excel</i>
<ul style="list-style-type: none">Created tablaeu story & dashboards examining the effects of Birdstrikes on air traffic using a derived 2001 - 2013 datasetDerived potential casual links between various categorizations and visualized them for easy-to-read graphics	