



# CHRISTOPHER OVERTON

DATA ENGINEERING    📍 OVERLAND PARK, UNITED STATES    ☎ 9134810582

## ◦ DETAILS ◦

Overland Park  
United States  
9134810582

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## ◦ LINKS ◦

[linkedin](#)

[github](#)

[hackerrank](#)

[Leetcode](#)

## ◦ SKILLS ◦

Git

SQL

Python

Java

Scala

Swift

Xcode

Visual Studio Code

CSS

Node.JS

Angular

TypeScript

Apache Airflow

Apache Kafka

IBM Cognos

MongoDB

Apache Cassandra

IBM Cloudant

Spark

Hadoop

Machine Learning



## PROFILE

As a devoted Stay-at-Home Parent, I've excelled in multitasking. Accomplished in app development, scripting, touch UIs, and translation skills, I infuse every team with adaptability and precision.



## EMPLOYMENT HISTORY

### Customer Service at Verizon Wireless, Bellevue

August 2000 — January 2005

- Proficiently managed billing inquiries and addressed account-related issues with precision.
- Provided expert guidance on product plans and offered top-tier support for wireless phone products.
- Delivered technical expertise for wireless issues, ensuring swift and effective problem resolution.

### Software Developer at Harvest Moon Studios, Los Angeles

July 2016 — February 2017

- Spearheaded the development of an iOS application for NOAA and the National Park Service, with dynamic animated screen transitions, captivating photo galleries, and seamless touch-supported scrollable interfaces.
- Orchestrated and optimized an expansive image library, facilitating efficient batch page instancing across diverse hardware platforms.
- Leveraged Swift in Xcode for the rapid and robust development of the iOS application.
- Pioneered a cutting-edge .NET WPF application, empowering LA civic spaces with touch and multi-touch gesture capabilities, multifaceted page navigation, and visually engaging user interface manipulations, including custom slide tile animations.
- Fostered collaborative synergy within development forums and GitHub for seamless project execution.
- Transformed and transposed a Java-based graphics script into C# for enhanced performance and efficiency.
- Engineered Python scripts to create a dynamic physics collision system for immersive animation rendering.
- Innovatively sourced Heightmap data from public USGS and Open Source GIS software, utilizing native Python scripts for vivid terrain colorization and striking hillshading effects.

### Software Developer at SVP Consulting, New Jersey

February 2018 — April 2018

- Engineered a high-performance Forex trading console application, merging Python and MQL4, harnessing the potential of a Forex API.
- Spearheaded the integration of threaded asynchronous handling and event listeners, enabling automated trading with lightning speed.
- Innovatively employed pipenv to manage Python modules within dynamic virtual environments, optimizing workflow efficiency.

- Transformed raw JSON trade exchange data into powerful Pandas dataframe objects, propelling trade analysis and automation.
- Pioneered data import and export functionalities for .txt-based files, streamlining data management.
- Masterfully employed Git for version control, enhancing project management and collaboration.
- Executed the entire project independently, from inception to completion, showcasing a strong foundation of skills.
- Explore my portfolio on Upwork at <https://www.upwork.com/freelancers/~016e516f5ff651848b?viewMode=1>.

### Software Development Support at 3 Fuerzas Technology Solutions (EDZSystems), Overland Park

January 2018 — March 2018

- Spearheaded critical iOS and Android application beta improvements, ensuring rapid deployment on the Google Play Store and Apple Store.
- Revamped production-side code for native and third-party frameworks, guaranteeing polished and high-performance releases.
- Led a comprehensive code updates, mastering data importation models and seamlessly implementing needed integration.
- Utilized XCode and Android Studio, skillfully coding in Objective-C, Swift, Java, and REST for cross-platform excellence.
- Operated seamlessly within MacOS and Windows environments, utilizing Atlassian Bitbucket and Git for streamlined version control.
- Skillfully navigated complex Android and iOS applications, showcasing adaptability and expert problem-solving.

### Stay at Home Parent at Home, Olathe

April 2018 — Present

- Nurtured my daughter's well-being from birth to age 4, serving as her primary caregiver.
- Seized a precious opportunity to be actively present during her formative years before she embarked on her educational journey.
- Eagerly poised to relaunch my career in development, harnessing newfound experiences and skills cultivated during my time as a dedicated parent.

## EDUCATION

### Bachelors of Science Mathematics, University of Kansas

#### Basic Java Certification, Hackerrank

August 2023

[Certificate Link](#)

#### Basic Python Certification, Hackerrank

August 2023

[Certificate Link](#)

#### Introduction to Relational Databases(IBM), Coursera

September 2023 — October 2023

<https://coursera.org/share/9f78c1fe77e0dcd3d66e3e2bb22db1e9>

#### Python Project For Data Engineering (IBM), Coursera

September 2023 — October 2023

<https://www.coursera.org/account/accomplishments/verify/LLY79EQJH8N4>

#### Python For Data Science, AI, and Development (IBM), Coursera

September 2023 — September 2023

Certificate Link

**Functional Programming Principles in Scala (EPFL) , Coursera**

September 2023 — October 2023

Certificate Link

**Introduction to Data Engineering (IBM), Coursera**

September 2023 — September 2023

Certificate Link

**Python Unit Tests to demonstrate TDD, Coursera**

October 2023

<https://coursera.org/share/76500a77df0f563c5063173cdc331508>

**Databases and SQL for Data Science with Python, Coursera**

October 2023 — October 2023

<https://www.coursera.org/account/accomplishments/certificate/AZAQ5ZCRTHFE>

**Hands-on Introduction to Linux Commands and Shell Scripting, Coursera**

October 2023 — October 2023

<https://www.coursera.org/account/accomplishments/certificate/YPYLGTH9SLSG>

**Relational Database Administration (DBA) IBM, Coursera**

October 2023 — October 2023

<https://coursera.org/share/e5dd06e4d01f4bdd883621c7dc56f4b2>

**ETL and Data Pipelines with Shell, Airflow and Kafka (IBM), Coursera**

October 2023 — November 2023

<https://www.coursera.org/account/accomplishments/certificate/TERSZUPBYXA6>

**Getting Started with Data Warehousing and BI Analytics, Coursera**

November 2023 — November 2023

<https://www.coursera.org/account/accomplishments/certificate/A763MWENEKTV>

**Introduction to NoSQL Databases (IBM), Coursera**

November 2023 — November 2023

<https://www.coursera.org/account/accomplishments/certificate/H9SZYDEN9R53>

**Introduction to Big Data with Spark and Hadoop (IBM), Coursera**

November 2023

<https://www.coursera.org/account/accomplishments/certificate/4EVRFV5R6FSU>

**Machine Learning with Apache Spark, Coursera (IBM)**

December 2023

<https://www.coursera.org/account/accomplishments/certificate/YSE4CX7HTM32>

**IBM Data Engineering, Coursera**

September 2023 — December 2023

<https://coursera.org/share/5284efe66e8425bf918d6f2a67f4350c>

**Probability Theory; Foundation for Data Science, University of Colorado-Boulder**

December 2023 — December 2023

<https://coursera.org/share/ec498635eb6464cbcf2d66ff8613d2df>

