



Raymond Selent


Data Scientist


Fast-learning, gritty, curious Data Professional with strong Python, analytical, and visualization skills. Bringing communication, teamwork, and customer service skills from 10 years in IT consultancy, as well as a bold, creative approach to problem solving honed from studies in theatre.


rselent@ufl.edu 

954-990-3121 

Fort Lauderdale, FL 

rselent.github.io 

linkedin.com/in/rselent 

github.com/rselent 

EDUCATION & TRAINING

Data Science

Lambda School of Computer Science and Web Development

11/2019 - 08/2020

Remote

- 9-month Academy: Python, SQL, Linear Algebra, Statistics, Predictive Modeling, Neural Networks
- 1400+ hours of coding experience
- *CodeSignal* GCA Score: 651

Theatre

University of Florida

08/2014 - 06/2018

Gainesville, FL

- Additional Coursework: C, Python

RELATED EXPERIENCE

Dramaturg

UF School of Theatre + Dance

01/2018 - 05/2018

- Self-organized contextual **research & analysis** of Restoration comedy *The Beaux' Stratagem*
- Supported and empowered a **team of 24+** cast & crew members, being both a controlled source of information and relieving cast & crew of research burdens
- **Triaged** questions and **communicated** answers, research findings, insights, and notes during daily production meetings & rehearsals

Virtual Chief Information Officer Consultant

02/2006 - 07/2016

- Partnered with business leaders and **took ownership** of all processes, successes, & failures
- Interviewed owners & employees to understand IT challenges and identify root causes
- Recommended & executed forward-looking actions to strengthen connections between IT and business objectives
- Solved growing internal organizational blockers by **self-teaching** Python and developing custom CRM system, automating customer tracking tasks

SKILLS

Python

SQL

Data Visualization

Tableau

Pandas

ETL

Data Analysis

Data Modeling

NumPy

Statistics

Data Cleaning

Data Mining

Scikit-learn

Neural Networks

NLP

AWS

DATA SCIENCE PROJECTS

Software Engineer — Schrödinger's Server (01/2021) ..

- Developed interactive command-line utility that reports whether a domain's web server is reachable or not
- Implemented checks to **verify user input**
- Built with Python within 3 days, using 1 library, and with no prior library knowledge / experience

Data Scientist / Engineer — Project Canopy (03/2020 - 05/2020) ..

- **Led & advocated for** 4-person Data team inside 14-member cross-functional Project team: established roadmaps, tracked KPIs with Project Lead, and reassessed milestones when needed
- Collaborated with Stakeholders and Frontend, Backend, and UX teams to create desired reporting dashboard & continually improve user experience **within 8-week project timeline**
- Architected & **built custom ETL pipeline**: identified 20 external APIs & data sources, extracted & cleaned data, designed database structure, and warehoused data in secure Amazon-hosted PostgreSQL database
- Exploited observed gaps in **cross-sectional data** to predict **future** events, fulfilling special product request

Machine Learning Engineer — P-H-A Assistant (01/2020) ..

- Built, evaluated, A/B tested, and debugged multiple prediction models **within 2 days**, using logistic regression, random forest, perceptron, CatBoost, and LightGBM algorithms
- Deployed best-performant prediction model to Heroku-hosted web app **inside another 2 days** (4 total) while **self-teaching** needed technologies like Flask, Plotly, and Heroku

Data Analyst — Airbnb Insights in NYC (11/2019) ..

- **Sourced, cleaned, and analyzed** 48,000-observation dataset of Airbnb listings in all 5 boroughs of New York City
- Created **custom visualizations** with Seaborn library, supporting and amplifying insights, analyses, and recommendations
- **Discovered and investigated** innocent-looking data points, uncovering potentially unlawful behaviour