

Raymond Selent

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CORE SKILLS

- Python
- Numpy / Scipy
- Scikit-learn
- Pandas
- ETL
- SQL
- Data Analysis
- ML Modeling
- Tensorflow
- Tableau
- NLP
- Neural Networks

DATA SCIENCE PROJECTS

DATA SCIENTIST

| LAMBDA SCHOOL

PROJECT CANOPY

| [PROJECT REPO](#)

- **Tech Used:** Python, AWS RDS, PostgreSQL, Pandas, Numpy, Scikit-learn, CatBoost, Seaborn
- Worked cross-functionally as part of a **14-member** team, creating visualizations & prediction models supporting front-end team's dashboards.
- Built ML model that **exploited observed gaps** in incomplete data to predict future endangered species.
- Designed and built ETL pipeline processes: identified 20 APIs & sources to extract data from, performed EDA & made decisions about database structure, and warehoused data in AWS-hosted postgres database.
- Established project's roadmap side-by-side with Project Lead, developing workflows and timetables while advocating for and mapping Data Science team's capabilities and potential contributions.

MACHINE LEARNING ENGINEER

| LAMBDA SCHOOL

POTENTIALLY HAZARDOUS ASTEROID ASSISTANT

| [LINK](#) | [DEPLOY REPO](#) | [PROJECT REPO](#)

- **Tech Used:** Python, Pandas, Numpy, Scikit-learn, CatBoost, LightGBM, Seaborn, Plotly, Flask, Heroku
- Built, A/B tested, and deployed prediction model from unbalanced dataset to Heroku **within 4 days** while also learning and utilizing new technologies like Flask, Plotly, and Heroku.
- Through highly time-sensitive research, increased domain knowledge to appropriately understand and analyze **large-scale scientific** dataset, sourced directly from NASA-JPL's Small-Body Database.

RELATED EXPERIENCES

DRAMATURG

JAN 2018 – MAY 2018

UF SCHOOL OF THEATRE + DANCE

| [LINK](#) | GAINESVILLE, FL

- Self-managed initial deep dive and ongoing contextual research / analysis of 18th century play *The Beaux' Stratagem* and all related topics.
- Supported and empowered a **team of 24+** cast & crew members, generating head- and mind-space for greater artistry, imagination, and originality in all production-oriented workflows.
- Presented research findings, insights, and notes to cast & crew during daily rehearsals and meetings.

IT CONSULTANT

JAN 2006 – JAN 2018

SELF-EMPLOYED

| FORT LAUDERDALE, FL

- Gathered client requirements through interviews & brainstorming with technical & non-technical personnel and presented proposals for hardware / software upgrades & related support services.
- Built custom CRM software (Python2.x) to meet growing needs and support critical business operations.

EDUCATION

DATA SCIENCE | LAMBDA SCHOOL

2019 – 2020

- Certificate / Bootcamp
- Remote Environment, **1200+ hours** of coding experience

THEATRE | UNIVERSITY OF FLORIDA

2014 – 2018

- Bachelor of Arts
- Related Coursework: C, Python