

# 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 / ENGINEER

### PROJECT CANOPY

PYTHON | AWS RDS | POSTGRESQL | PANDAS | NUMPY | SCIKIT-LEARN | CATBOOST | SEABORN

- Collaborated **cross-functionally** as part of a 14-member product team, creating visualizations & prediction models supporting front-end team's dashboard development processes.
- Developed **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.
- Built ML model that **predicted future endangered species** by exploiting observed gaps in incomplete data.
- 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

### P-H-A ASSISTANT

PYTHON | PANDAS | NUMPY | SCIKIT-LEARN | CATBOOST | LIGHTGBM | SEABORN | PLOTLY | FLASK

- 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**, strengthened domain knowledge to appropriately understand and analyze large-scale scientific dataset, sourced directly from NASA-JPL's Small-Body Database.

## WORK EXPERIENCES

### DRAMATURG | UF SCHOOL OF THEATRE + DANCE

JAN 2018 – MAY 2018

- Self-managed initial deep dive and ongoing contextual research / analysis of 18<sup>th</sup> 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 | SELF-EMPLOYED

JAN 2006 – JAN 2018

- Gathered client requirements through interviews & brainstorming with **technical & non-technical** personnel and **presented proposals** for hardware / software upgrades & related support services.
- Met growing business needs by building custom CRM software (Python2.x), supporting critical operations.

## EDUCATION

### DATA SCIENCE | LAMBDA SCHOOL

2019 – 2020

- Remote, **1200+ hours** of coding experience

### THEATRE | UNIVERSITY OF FLORIDA

2014 – 2018

- Related Coursework: C, Python