

CHANCE DARE

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[Portfolio](#) - [LinkedIn](#) - [Github](#) - [Twitter](#)

DATA SCIENTIST

PROJECTS

FACE TRACKING

Created robot that uses webcam and servo to follow your face

- Used Python and OpenCV to control servo and detect face
- Servo moved camera left and right
- Raspberry Pi remotely send signal to servo

LAMBDA TREASURE

Developed algorithms to traverse 500 room maze

- Used Python, requests, and pseudo computer to navigate through rooms and decrypt binary messages
- Developed efficient algorithms to automate processes

WILDFIRE WATCH

Analyzed wildfires with satellite image data

- Used Python, multiple ML models, extensive data cleaning to predict if thermal anomalies were wildfires or not
- Pulled in data from multiple sources to verify fires

SCALAR COUPLING CONSTANTS

Predicted the scalar coupling constant between atoms

- Used Python and multiple ML models to predict the scalar coupling constant between atoms
- Collaborated closely with Chemistry student

SKILLS

Python, SQL, Docker, MongoDB, NoSQL, Pandas, Matplotlib, Plotly, Keras, Neural Networks, NLP, Flask, Django, RESTful API, Graphs, Blockchain, **AWS Certified Cloud Practitioner**

EDUCATION

LAMBDA SCHOOL

10 month full time course - Data Science (2019-2020)

- Statistic Fundamentals
- Predictive Modeling
- Data Engineering and Machine Learning

AVTEC

10 month full time class - Industrial Electricity (2016 - 2017)

- AC/DC Theory
- Operation, construction, and maintenance of electrical machines

EXPERIENCE

OBERTO SNACKS CO

Maintenance Electrician (2017 - 2018)

- Maintained packaging equipment
- Organized parts in shop for easier access