

# TRENTON MCKINNEY

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[Email](#) · [LinkedIn Profile](#) · [GitHub](#) · [Kaggle](#)

As an engineer, I've spent a lot of time automating tests and analyzing data with python. What I enjoy most is continually expanding my knowledge of python and other data analysis tools to tell a story with data.

## EXPERIENCE

2017/04 – CURRENT

**HARDWARE ENGINEER, INTEL**

Reduce the completion time and increase the accuracy of various processes and data analysis with Python

2014/04 – 2014/11

**TEST ENGINEER, OXFORD GLOBAL RESOURCES · EVEREST CONSULTANTS, INC.**

Increase hardware and software test throughput by automation with Python · Data analysis with Python

2013/11 – 2014/04

**RF TEST ENGINEER, SUMMIT SEMICONDUCTOR**

Increase hardware test throughput by automation with Python · Data analysis with Python

2012/10 – 2013/06

**SIGNAL INTEGRITY ENGINEER, INTEL**

Increase hardware test throughput by automation with Python · Data analysis with Python

## EDUCATION

**BACHELOR OF SCIENCE ELECTRICAL ENGINEERING, PORTLAND STATE UNIVERSITY**

IN PROGRESS · UDACITY

**DATA ANALYST NANODEGREE**

APRIL 2018 · COURSERA

**MACHINE LEARNING**

JULY 2017 · EDX

**DAT206X: ANALYZING AND VISUALIZING DATA WITH EXCEL**

SEP - DEC 2015 · COURSERA

**USING DATABASES WITH PYTHON · USING PYTHON TO ACCESS WEB DATA · PROGRAMMING FOR EVERYBODY (GETTING STARTED WITH PYTHON) · PYTHON DATA STRUCTURES**

## SKILLS

- Data Analysis
- Python · R
- Jupyter Notebooks – Pandas · Matplotlib
- JetBrains PyCharm
- Excel – Power Query · Power Pivot
- SQL · MySQL · ETL
- Statistics
- Microsoft Office

- Tableau

- GitHub

## PROJECTS

- [Prosper Data Exploration and Visualization - R](#)
- [Excel Automation with Python](#)
- [Wordcloud with Python and Matplotlib](#)
- [Titanic Survival Feature Analysis – A Tableau Visual Exploration](#)
- [Wrangle OpenStreetMap Data \(ETL Project\) - Python & SQL](#)
- [Investigate the Titanic Dataset - Python & Jupyter Notebook](#)
- [Test a Perceptual Phenomenon - Statistical Analysis w/ Excel](#)