

# CONOR PHILLIPS

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## EXPERIENCE

### ***Curo Financial Technologies Corp.***

**Chicago, Illinois**

#### **Data Scientist**

**Oct 2019 – Current**

- Build algorithms that refine, and increasingly automate fraud detection technologies.
- Present well-structured business cases in collaboration with Product Strategy and Marketing teams to quantify the risk and performance integrating new data products and strategies.
- Work with large, complex data sets to automate the development, deployment, and sustainability of machine learning models.

#### **Risk Analytics Intern**

**Jun 2017 – Jan 2018**

- Relied heavily on SQL and SAS to build automated excel dashboards, these updated teammates and supervisors to the performance of marketing and advertising campaigns.
- Researched bottlenecks in the customer onboarding process and present recommendations on how fraud detection steps could be improved.

### ***Oklahoma State University***

**Stillwater, Oklahoma**

#### **Undergraduate Teaching Assistant – Intro to Computer Programming**

**Jan 2017 – May 2020**

- Managed professional development of a diverse Student Learning Assistant team.
- Acted as the primary undergraduate TA for over 450 students every semester.
- Developed student's essential Excel, Visual Basic, and programming techniques.

### ***Textron Aviation Inc.***

**Wichita, Kansas**

#### **Chemical Processes Intern**

**May 2019 – Aug 2019**

- Performed initial process studies and defended project cost estimates for state-of-the-art Electroless Nickel and Zinc-Nickel plating technologies.
- Provided technical support to customer service, field engineers, and other necessary functions.
- Stringently followed lab protocols, testing procedures, safety guidelines.

#### **Materials and Processes Intern**

**May 2018 – Aug 2018**

- Developed a ML model to predict metal aging using coating degradation.
- Evaluated new materials for the design, manufacturing, and safety of experimental aircraft.
- Supported failure analysis for non-metallic materials in both manufacturing and field services.

## EDUCATION

*Bachelor of Science in Chemical Engineering - Oklahoma State University*

## SKILLS

- Proficient in Python, VBA, SQL, SAS, Git, MATLAB, LaTeX and Aspen HYSYS.
- Flask API, Machine Learning Pipelines, and Object-Oriented Programming.
- Data Analysis, Financial and Business Planning, Compiling, and Reporting.
- Trained on FT-IR/N-IR spectroscope, DSC/TGA thermal analysis, and in Electronics Repair.

## LEADERSHIP ROLES AND ACTIVITIES

- Phillips Electronics/Freelance – Owner **May 2012 – Current**
- Inspiring Successful Engineers Mentor Program – Mentor **Sept 2017 – May 2020**
- National Science Foundation I-Corps – Team Member **Jan 2020 – Feb 2020**
- Oklahoma State University Lacrosse – Financial Chair, Player **Aug 2016 – May 2019**
- Habitat for Humanity/Operation Holiday -- Volunteer **Aug 2016 – May 2018**
- Wichita Food Pantry -- Volunteer **Summer 2015, 2018**