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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**