

CLAIRE CALHOUN

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3600 Greystone Dr · Austin, TX 78731 · 281-896-5089

EDUCATION

Bachelor of Arts in Business Administration and Management Information Systems

May 2019

Postgraduate in AI and ML

Jan 2020

Bridging Disciplines Program in Digital Arts and Media Studies

University of Texas at Austin

ARTIFICIAL INTELLIGENCE / MACHINE LEARNING EXPERIENCE

Banyan Water

Apr 2023

- Built a Named Entity Recognition (NER) model that extracts key information from unstructured data sources, namely water utility bills to aid in identifying trends and making informed decisions around sustainability
- Developed business plan for a leak detection algorithm with leak data capture requirements and k-Nearest Neighbor (KNN) model to identify and predict and mitigate the occurrence of leaks based on a variety of factors

Post Graduate Program in AI/ML

Jan 2020 - Jan 2021

- Designed and implemented a convolutional neural network (CNN) to perform image classification of plant seedlings for a research project, achieving an accuracy of 95% and contributing to the development of increased crop yield
- Built a logistic regression model using KNN and Naive Bayes Gaussian function to classify bank loan applicants with 78% accuracy

WORK EXPERIENCE

Banyan Water Company, Austin, TX

Jan 2022 - Jan 2025

Full Stack Developer, Product Operations Specialist, Designer

- Delivered over **5,000** feature improvements across mobile and web products, directly enhancing usability and customer satisfaction
- Helped **save over 1.4 billion gallons of water** in the last three years by building tools and alerts that enabled clients to detect inefficiencies and reduce waste
- Spearheaded Asset Manager Dashboard React app from scratch which included 50+ screens and 20+ API calls

Atlassian, Austin, TX

July 2019 - 2021

IT Systems Engineer

- Led implementation of workforce planning tool Adaptive Insights into production
- Launched company-wide diversity data initiative for improved Diversity, Equity, and Inclusion strategy
- Delivered automated growth profiles for all teams within Atlassian using Google Scripts
- Automated internal mobility eligibility check information gathering using Workato to integrate services

HP, Inc., Austin, TX

Summers, 2017 and 2018

Intern, Office of the CIO

- Improved data integrity in the prioritized metric categories by over 82% for Lead Planning Team
- Updated 15 Detailed Project Planning Reports within Power BI for improved data integrity
- Revamped two training websites for exceptional end user experience

ADDITIONAL INFORMATION

Computer Skills: C#, SQL, Javascript, Python, Knowledge of APIs, React, Flutter

Certifications: Foundations of UX Design

Interests: Artificial Intelligence and Machine Learning, Statistics