

Ben Pretzer

B.S. Electrical Engineering, Software Track

1313 Ridgemont Lane

Austin, TX 78723

(214)-793-3966

benpretzer@gmail.com

<https://www.linkedin.com/in/ben-pretzer/>

EXPERIENCE

University of Texas, Austin — Undergraduate Assistant

JANUARY 2022 - JANUARY 2023

Led a team in extensive data collection and analysis of electronic cigarette usage on social media platforms. Employed advanced machine learning techniques, such as BERTopic, to analyze and categorize the collected data, allowing for the identification of trends and patterns. The result of this analysis was used to inform decisions and provide valuable insights for the federally funded research team we were working with.

Grace Hill, Austin — Intern

JULY 2021 - SEPTEMBER 2021

Developed a React-based application for the company while simultaneously working in collections with the finance department. Successfully decreased outstanding payments by over 15% by utilizing Salesforce effectively and maintaining steady communication with call volume. Contributed to weekly stand-up meetings to ensure timely completion of both projects.

EDUCATION

University of Texas, Austin

Electrical Engineering, B.S.

AUGUST 2018 - DECEMBER 2022

Graduated with a degree in Electrical Engineering, following the Software Engineering and Design track. Courses included algorithms, data science principles and software design lab.

Business Foundations Certificate

AUGUST 2018 - DECEMBER 2022

Completed Foundations of Management, Accounting, and Finance, as well as five other business related classes necessary for the business minor.

SKILLS

Python | ReactJS | JavaScript | HTML | CSS | C++ | Git | Project management | Critical thinking | Agile methodology | Strong communication | Coachable | Lifelong learner | Problem-solver |

PROJECTS

Mock Food Truck Website - ReactJS

Componentized a website for a food truck, employing user authentication, geolocation, and ratings submissions. Additionally created a comprehensive Information Security and Privacy plan for the truck.

Plagiarism catcher - C++

Employed a hash table, separate chaining and vectors to look through a database in search of similar nuggets of text and detect plagiarism.

OTHER INVOLVEMENT

Texas Iron Spikes

External Vice President

Responsible for risk management and mitigation of entire organization

Social chair

Coordinated logistics for and oversaw 12-15 events for 100-200 people

Not on My Campus

Peer Educator

Certified to present on sexual assault in hopes of raising awareness of the issue on college campuses