Nathan Werrede

San Diego, CA
nathanwerrede.github.io

Education

UC San Diego — B.S. Cognitive Science
September 2017 - December 2019
- Specialization in Design and Interaction
- Minor in Computer Science

Experience

Neustar, Inc. — Software Engineer
March 2020 - Present (Contract)
- Created data visualizations in Kibana with index patterns from an Elasticsearch database that showcased client trends and product success/fail query rates
- Implemented query handling and processing features to product API using C#
- Analyzed team productivity and assisted with sprint planning
- Ported existing engines from legacy platform to new framework
-Added new features from engine to client-facing web application using SQL

Projects

Accountabuddy
March - June 2019
- Full stack web application made for friends keeping each other accountable in achieving their goals through check-ins and wagers
- Created prototypes, designed UI elements and contributed towards API integrations

Restaurant Rating Data Analysis
February - March 2018
- Utilized the Yelp API in Python by sorting and mapping San Diego area restaurants by rating to determine prospective opening locations
- Created data visualizations of San Diego neighborhoods and restaurants

Coursework

Software Tools and Techniques
Design and Analysis of Algorithms
Advanced Data Structures
Interaction Design
Human-Computer Interaction
Usability and Information Architecture
Brain Computer Interfaces

Languages

C#
SQL
Python
Java

Tools/Technologies

Git
Perforce
Unix
Visual Studio
AWS
Elasticsearch
Kibana
Sketch
Figma
InVision