Justin Bates
Data Analyst

Creative, detail-oriented, and motivated to help you understand your business data with comprehensive reports that are done in a timely manner. Well rounded analytical skill from a Bachelor's in Computer Engineering and a Udacity Deep Learning Nanodegree.

Santa Cruz, CA   (818) 447-8632   jujbates@gmail.com   justin-j-bates   jujbates

EDUCATION

University of California, Santa Cruz
March 2017

Bachelor's of Science in *Computer Engineering*
minor in *Computer Science*

Udacity
January 2019

Deep Learning Nanodegree 🔗

EXPERIENCE

Field Specialist
Aceolution @ Google, Mountain View, CA
July 2019 - October 2019
- Collected and labeled location data for various projects to allow Google Engineers to construct improved models for map tools.
- Performed post-processing on geo datasets to organize and properly format satellite data.

Technology/Full Stack Web Developer
Warrior Media Inc., Santa Cruz, CA
March 2017 - August 2018
- Developed, launched, and managed 3 sites with corresponding company brands.
- Setup and monitored internal networks to optimize and secure our data management workflow for 6 departments.
- Developed dashboards and ETF workflow to process our KPIs such as CPA, CPC along with A/B testing results.
- Managed website hosting as well as our development, test, and production deployment pipeline with Heroku.

Security Intern
eSecurity, Seagate Technology, Scotts Valley, CA
June 2016 - September 2016
- Developed an internal tool that analyzed network traffic in order to generate security reports.
- Trained international colleagues to operate the network analyzer and how to read and gain insights from the generated reports.

LEADERSHIP

Boys Program Director, Head Coach
Main Beach Volleyball Clubs, Santa Cruz, CA
Santa Cruz High School, Santa Cruz, CA
*December 2016 - **Current***
As a youth coach, I created opportunities for players to improve their technique, communication, collaboration, and time management skills. These skills enriched their level of play and improved their capabilities of competing at a high level. As a director, I organize and manage the boys program including player development, coaching staff, and advertising.

Technology/Full Stack Web Developer
Warrior Media Inc., Santa Cruz, CA
March 2017 - August 2018
As the first in my department, Tech, my responsibilities included leading our team members to understand the business processes to develop web app design and internal systems as we grew the department.

Programming Tutor/Grader
University of California, Santa Cruz, CA
October 2014 - June 2016
Taught elementary programming concepts in C, Python, and Java, where my students scored over 85% on tests. Which required me to create thoughtful and organized lesson plans to hold clear and coherent tutor sessions.

RELEVANT PROJECTS

Bike Sharing Usage Prediction Model

https://github.com/jujbates/Bike-Sharing-Usage-Prediction-Model 🔗
- Generated neural networks without a framework to analyze bike-sharing data and generate sales predictions.

IMDB Sentiment Analysis Model

https://github.com/jujbates/IMDB-Sentiment-Analysis-Model 🔗
- Designed and developed neural network models with PyTorch to classify the sentiment of IMDB film reviews.
- Deployed an endpoint on AWS API Gateway to receive user data and sends it to AWS Lambda to process user data and sends it to a deployed model 's endpoint on AWS Sagemaker. The model classifies a user's review as positive or negative

SKILLS

- **Programming Languages**: Python, SQL, JavaScript, HTML, CSS, C, C#, Java
- **Applications**: Jupyter Notebook, Excel, Power IB, Access, Tableau, AWS (EC2, SageMaker, Lambda, ECS)
- **Libraries/Frameworks:** pandas, numpy, django, pytorch, keras, sklearn, matplotlib, sqlalchemy
- **Minimal Experience:** C++, MatLab, tensorflow, JD Edwards ERP

SKILLS SCALE

Expert
Advanced
Intermediate
Fundamental