

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



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justin-j-bates



jujbates

EDUCATION

University of California, Santa Cruz
March 2017

Udacity
January 2019

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

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.
- Managed all internal emails and other Google tools as our Google admin.

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, advertising the season to parents and community

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 BI, 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