Python & Web Developer Python & Web Developer Python & Web Developer Los Angeles, CA

Curious, resourceful data engineer committed to building robust, user-friendly data instrumentation; creates insightful data-driven stories and visualizations to guide strategic decision making. Skilled at designing automated web-based analytic dashboards and building robust data pipelines. Authorized to work in the US for any employer Work Experience Python & Web Developer Cameron McCallister September 2018 to September 2018 Developing a web-hosted flask application for an architecture consulting firm; will allow teams to score potential sales targets in a collaborative prioritization framework and aggregate user data to interactive analytic dashboard Process Engineer NVP Construction October 2014 to November 2015 Managed manufacture of architectural millwork; integrated CNC automation to improve quality and increase manufacturing speed by 300%; wrote program library in G-code (numerical programming language) Quality Control Associate Capricor Therapeutics Inc November 2013 to October 2014 Collected and analyzed quantitative data for product quality; used statistical process control to ensure quality ? Designed quantitative stability testing system to study product deterioration over time Laboratory Technician II Keirstead Research Group March 2011 to July 2013 Collected, analyzed, and presented experimental data to determine effect of cell transplant treatment ? Designed and performed cell transplant experiments for academic publication Education Bachelor of Arts in Neuroscience Viterbi School of Engineering May 2018 University of Southern California Skills API (Less than 1 year), BOOTSTRAP (Less than 1 year), COLLECTION (Less than 1 year), CREDIT (Less than 1 year), CSS (Less than 1 year) Links http://linkedin.com/in/maxkparry http://github.com/MaxParry Additional Information SKILLS Databases and collection: SQLAlchemy, SQL, MongoDB, BeautifulSoup/Selenium, Tweepy, Google API, Yelp API Data analysis: SciKitLearn/TensorFlow, Python, NumPy/PANDAS, Advanced Excel, VBA scripting Data visualization: MapBox, Plotly, D3.js, leaflet.js, Seaborn, Matplotlib, Excel Web development: Flask, Heroku, JavaScript, CSS, HTML5, Bootstrap PROJECTS LoanVet-Credit-Scoring Web App - https://tea-meets-ice.herokuapp.com/ LoanVet allows users to see their loan default risk after entering personal information. No credit score required. Skills used: SciKitLearn/TensorFlow, Python, PANDAS, Seaborn, API development, Flask, JavaScript,

Bootstrap, CSS, HTML5, Heroku   School Shooting Data Explorer - Dynamic Map - https://functional-vice.herokuapp.com/ Explore correlation between school shootings and state-level statistics. Features interactive map, correlation explorer, and embedded twitter feed. Skills used: Python, PANDAS, Seaborn, API development, Flask, MapBox, GeoJSON, JavaScript, D3.js, Plotly, Bootstrap, CSS, HTML5, Heroku

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