Camille Dunning

Data Science Aspirant

Forward-thinking data science intern with background working effectively in dynamic environments. Fluent in Python and Java programming languages used to develop AI-driven solutions and researching optimal machine learning methodologies. Proud team player focused on achieving project objectives with speed and accuracy.

Contact

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Skills

Skill	Level
Project organization	●●●●○
Python	●●●●○
API design knowledge	●●●●○
Java	●●●●○
Relational Database Management	●●●●○
Agile Workflow	●●●●○
HTML	●●●○○
Scala	●●●○○
R	●●●○○
Machine Learning	●●●○○
Mobile Development	●●●○○
Computer Vision	●●●○○
Ruby	●●○○○
MATLAB	●●○○○

Interests

Electronic dance music production
Coffee shops
VW Beetles
Brain-computer interfaces

Work History

2020-11 - Current
Software Engineer
IEEE Project Drive, La Jolla, CA
Leveraging ROS, Ubuntu, LiDAR, and reinforcement learning technologies to prepare for F1Tenth autonomous driving robot competition

2020-05 - 2020-08
Research Intern
Scripps Research Translational Institute, La Jolla, CA
Perform elaborate analyses of physiological data, including respiration rates, ECG intervals, Bazett & Fiderea calculations, using signal dynamics.

2020-02 - 2020-06
Data Science Intern
BD, Sorrento Valley, CA
Selected for internship after winning competitive HDSI Industry-Sponsored Research Scholarship. Using ML flow and reinforcement learning, concentrating on Drug Diversion and Medication Inventory Optimization. Internship put on hold due to COVID-19.

2019-10 - 2020-06
Arduino + CV Programmer
The Basement At UC San Diego, La Jolla, CA
Write operational code for the MassageBot prototype, currently in the incubator startup track for the UCSD Basement Program. Utilizing Arduino in conjunction with computer vision.

2019-03 - 2019-09
Data Science Intern
ISchemaView RAPID, San Mateo, CA
Worked on devising an algorithm (utilizing k-means clustering among other methodologies) and writing code to help characterize CT perfusion image artifacts. Extracted metadata from datastores and normalizing images.

Education

2019-09 - Current
Bachelor of Science: Data Science
UC San Diego - La Jolla
- Minored in Mathematics
- Awarded HDSI Industry-Sponsored Research Scholarship
- Elected to Online Content Director for DS3 in 2020
- Coursework in Data Science, Mathematics and Cognitive Science