IACOPO CATALANO

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🖥 **Personal Web Page**
⭕ iacopomc
in iacopocatalano

SKILLS

Programming: Python, Java, C++, SQL, Matlab

ML/DL: Tensorflow, Scikit-Learn, OpenCV   **Languages**: Native Italian, Proficient English, Intermediate French

PROJECTS

Behavioral Cloning
• Trained a CNN model to drive autonomously a car in a simulator using Keras.

Traffic Sign Classifier
• Used CNN and Data Augmentation to train a traffic sign classifier with OpenCv and Tensorflow

Advanced Lane Finding
• Created a robust image processing pipeline for detecting highway lane in a video using OpenCv.
• Calculated car position within lane and lane radius of curvature based on coefficients of polynomial fit.

PROFESSIONAL EXPERIENCE

Accenture   Rome, Italy
Junior Data Scientist   1/2020 – current
• Researching and adapting existing algorithms in Computer Vision
• Conducting exploratory data analysis
• Supporting Senior Data Scientists in algorithm design

Accenture   Rome, Italy
Front-end Web Developer   2/2019 – 1/2020
• Developed new web applications using Angular, Bootstrap, Angular Material and Javascript
• Redesigned existing web applications to improve browser compatibility
• Oversaw new interns on project milestones

Accenture   Rome, Italy
Front-end Web Developer (Intern)   9/2018 – 2/2019
• Worked with Senior Developers to manage large, complex design projects
• Assisted team with testing code on multiple browsers

Appen   Italy
Web Search Evaluator (Independent Contractor)   8/2017 – 8/2018
• Conducted research, evaluation, and feedback on search engine results by measuring the relevance and usefulness of web pages in correlation to predefined queries both in the Italian and American market

EDUCATION

Sapienza University of Rome   Rome, Italy
B.Sc. Physics   2010 - 2018

RELEVANT COURSEWORK

2020: Deep Learning, a 5-course specialization by deeplearning.ai: CNN, GAN, RNN, NLP(LSTM), Embeddings

VOLUNTEER EXPERIENCE

AGESCI   Rotondi, Italy
Team Coordinator   2001 - 2015
• Coordinated, mentored, and trained several scout groups of different ages
• Led weekly meetings and organized yearly summer camps
• Secured parent involvement and participation in activities
• 2007 – 2009 Volunteer Stretcher (Patient Care) for U.N.I.T.A.L.S.I. Association