

PAOLO D. SECCI
<https://paolosecci.herokuapp.com/>

EDUCATION:

Politecnico di Milano Scuola di Ingegneria Industriale e Dell'Informazione 2020–P
Ingegneria Informatica - Computer Science Engineering

University of Southern California Viterbi School of Engineering 2018
Data Analytics Boot Camp

University of California Merced School of Engineering 2016–7
Computer Science & Engineering

Relevant Coursework

Data Analytics, Statistics, Databases, Data Structures, Software Engineering, Information Systems & Enterprise Architecture, Algorithms, Internets, Computer Architecture, AWS Cloud Computing, Matrices & Linear Algebra, Discrete Mathematics, Multivariable Calculus, and Electromagnetism

WORK EXPERIENCE:

Gucci – Software Development Intern 2019–20
Milan, Italy

- Worked daily in an Agile software development team at the Gucci Hub
- Implemented GTM into Gucci's codebase to track user-data from browser sessions
- Updated the UI of [gucci.com](https://www.gucci.com)'s "contact us" page in Hybris SAP before international deployment
- Developed the MVP for digital gift cards to be implemented as a feature on [gucci.com](https://www.gucci.com)
- Frequently used coding languages: React JS, Java Spring, SCSS

PoliSpace – RF Software Engineer 2021–P
Milan, Italy

- Mission: Launch CubeSat in 2023
- Implementing NASA cFS into the satellite's OBC (On Board Computer) as main OS application
- Constructing and synchronizing interfaces with the AOCS, EPS, TCS, and TMTC Subsystems
- Frequently used languages/softwares: Matlab, C++, VirtualBox, OA-FlatSat, Teams, Discord

PROJECTS:

Le Swish Prophet – Data Analytics

- Regression-based application designed to predict the outcomes of NBA games
- Data-mining web-scraper used to get live NBA stats casted into Pandas dataframes
- Python web-application used as GUI for Data Visualization and summary statistics

Bionic Visual Cortex – AI Vision & Classification

- Machine Learning application designed for image classification and object recognition in photos
- Built on Convolutional Neural Networks for Deep Learning, modeled after anatomical neuron nodes
- Implemented Keras model over TensorFlow's mobile library for 16MB solution to Image Recognition

OTHER SKILLS:

Languages : English, Spanish, Italian – Python, Java, C, SQL, Javascript, HTML, CSS

Softwares : Microsoft Office, BPMN, Tableau, Scikit-Learn, Git, Blockchain, Binance

CS Libraries : React, Spring, Pandas, NumPy, Matplotlib, Flask, TensorFlow, Selenium

Medical Certificates : EMT, CPR, Lifeguard **Personal** : Surfing, Guitar, Soccer

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