

# PAOLO D. SECCI

<https://paolosecci.herokuapp.com/>

## EDUCATION:

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**Politecnico di Milano** Scuola di Ingegneria Industriale e Dell'Informazione 2020–P  
Ingegneria Informatica (Engineering of Computing Systems)

**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

Statistics, Data Analysis & Visualization, Internets & Distributed Networks, AWS Cloud Computing, Electromagnetism, Computer Architecture, Data Structures, Database Essentials, Discrete Mathematics, Matrices & Linear Algebra, Multivariable Calculus, Microeconomics, and Macroeconomics

## WORK EXPERIENCE:

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**Gucci** – Software Development Intern 2019–20  
Milan, Italy

- Developed the minimum viable product for digital gift cards on [gucci.com](https://www.gucci.com)
- Engineered an API to securely handle the storage, access, and redemption of encrypted currency
- Designed UX to optimize customer flow while embodying the pixel-perfect image of Gucci
- Implemented GTM into Gucci's codebase to track user-data from browser sessions
- Frequently used: SAP Hybris, React JS, Java Spring, SCSS

**Osbrink** – Actor 2016–7  
Hollywood, California

- Brands represented: Nike, Coca-Cola, Target, Motorola, Kraft, Fiat-Chrysler, Mattel, Gap, etc.

## PROJECTS:

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### Le Swish Prophet – Data Analytics

- Statistics-based application designed to predict the outcomes of NBA games
- Data-mining API used to get live NBA stats; data-wrangling API used to cast pandas data-frames
- Predictive algorithm based on mathematical principles of regression and weighted moving averages

### Bionic Visual Cortex – A.I. Vision

- Artificial Intelligence 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 ML library for a 16MB solution to Image Recognition

### Batcave – Cloud Server

- Ubuntu 18.04 LTS Instance in AWS Elastic Cloud Compute (EC2) designed for ssh access
- Maintained the network firewall using UFW to fulfill role of CISO responsible for user's private data

## OTHER SKILLS:

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

**CS Libraries** – React, Spring, Pandas, Flask, Scikit-Learn, TensorFlow, Selenium, Git

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

<https://github.com/paolosecci> - <https://www.linkedin.com/in/paolodanilosecci>

Milan, Italy 20121 - +39 347 0116975 - [paolosecci98@gmail.com](mailto:paolosecci98@gmail.com)