

Paolo D. Secci

<https://paolosecci.herokuapp.com>

8719 Airline Ave. Los Angeles, CA 90045 - 310.729.7223 - paolosecci98@gmail.com

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

EDUCATION

University of Southern California 2018
Viterbi School of Engineering – Data Analytics Bootcamp Los Angeles, CA
Graduated from the robust analytics program with advanced coverage of SQL Databases, Machine Learning, Tableau, Statistical Modeling, Big Data Analysis with Apache Spark, API Systems Architecture, Advanced Excel with VBA Scripting, Data Visualizations, and more...

University of California Merced 2106–7
School of Engineering – Computer Science & Engineering Merced, CA
Expanded computer engineering capacity studying Data Structures in C++, Computer Organization in MIPS Assembly, and Computer Networks in Python, HTML, and nesC. In 2017, I build my first Operating System. I left UCM in December 2017 to pursue career tailored skills in Big Data at USC as opposed to GEs.

PROFESSIONAL EXPERIENCE

AWS Ubuntu 16.04 LTS Instance

System Administrator

- deployed Elastic Cloud Compute (EC2) Instance as admin for users to access Ubuntu server through ssh
- employ Identity and Access Management (IAM) to delegate permissions and accounts to users
- maintain the firewall using UFW to fulfill role of CISO; responsible for cybersecurity of user's private data

Artificial Image Processing

Full Stack Application Engineer

- implemented Keras API over TensorFlow's ML library to train data for Computer Vision and Pattern Recognition
- built on Convolutional Neural Networks for Deep Learning; modeled after anatomical neuron networks
- encoded an API system using Flask's Python library; encoded web-compatible user interface using HTML

Big Data NLP

Data Analyst

- on 8GB CPU, my program traverses *The Complete Works of William Shakespeare* (37 plays, 154 sonnets, and 5 poems) to count and compare the occurrences of "death" vs. "love" in 7 seconds
- employed S3 buckets and Spark's Resilient Distributed Dataset (RDD) to scale massive data volume
- encoded MapReduce system to apply Natural Language Processing (NLP) of .CSV, .TXT, and .JSON files

SKILLS

Languages: English, Spanish, Italian

Python, SQL, Bash, Swift, C++, Java, R, Visual Basic, Javascript, HTML, MIPS Assembly, nesC

Programs/ AWS, Apache Spark, MySQL, Excel, Linux, Tableau, Keras, Anaconda, Flask, BeautifulSoup

Libraries: Bootstrap, MongoDB, Splinter, Pandas, Leaflet, Mapbox, Zepl

Specializations: Statistical Analysis, API Systems Architecture, & Cloud Database Engineering

OTHER EXPERIENCE

Actor

2006-P

Osbrink Talent Agency

North Hollywood, CA

- brands represented: Motorola, Mattel, Gap, Target, Dodge, Takis, Zuru, Chrysler, CDW, Asics, FILA, Land's End, Sport Chalet, Powerade, Sports Authority, Crayola, Kraft, Donna Karan, etc.

Emergency Medical Technician

2019

UCLA's Center for Prehospital Care

Westwood, CA

- licensed EMT by National Registry & certified CPR/AED/BLS by American Heart Association
- worked as first responder on McCormick Ambulances throughout Los Angeles