Victor Pires
Data Analyst – San Ramon, California
victorpires@outlook.com – *victorjnpires.github.io*

EDUCATION
Bachelor of Science, Electrical Engineering

Federal University of Bahia, Brazil (UFBA)   *2010 to 2016*

California State University, Fullerton, USA (CSUF)   *Fulbright Scholarship: 2014 to 2015*

EXPERIENCE
Data Analyst

Falck Northern California   *May 2019 to Present*
- Analyzing medical data

Data Analyst

San Ramon – California   *Jan to Apr 2019*
- Worked on a project to forecast air quality and particulate matter for the city of Bend, Oregon
- Practiced data science in meetups, hackathons and Kaggle competitions to sharpen and develop skills

Machine Learning Researcher

Salvador – Brazil   *Dec 2017 to Dec 2018*
- Extracted, transformed and performed statistical analysis on publicly available data
- Wrote machine learning algorithms from scratch in Python with didactic purposes

Electronics Systems Intern

Integrated Circuits Design Laboratory – UFBA   *Jan to Apr 2017*
- Installed, configured and maintained Linux and electronics CAD software on all the lab's workstations

Robotics Research Intern

Institute of Navigation – CSUF (Brazil Scientific Mobility Program / Science without Borders)   *Jul to Aug 2015*
- Studied computer vision and coded algorithms for an autonomous robot competition

Electronics Researcher

Integrated Circuits Design Laboratory – UFBA   *Jan to Jul 2014*
- Programmed microcontrollers for the operation of an image processing cellular neural network

Research and Development Coordinator

Electric Wave Group – UFBA   *Oct 2012 to Oct 2013*
- Coordinated 14 members in creating and maintaining interactive physics and engineering experiments
- Presented experiments and explained its concepts to hundreds of middle and high school students

COMPETITIONS
- Power Line Fault Detection (**Top 8%**)   *Mar 2019*
  - *Partial discharges detection on three-phase systems with machine learning (Kaggle)*
- UC Davis NATCAR Races (**4th Place**)   *May 2015*
  - *Programmed an autonomous line following robot and competed against 43 teams (UCD) (YouTube)*
- Second Annual CSUF Line-Following Robot (*NATCAR*) Competition (**2nd Place**)   *May 2015*
  - *Lead a team of 2 that built and programmed an autonomous line following robot*
- UFBA Electrical Engineering PET Arduino Challenge (**1st Place**)   *Apr 2014*

COMPETENCIES
- **Proficient:** Python, Excel, Power BI, TensorFlow, Keras, Scikit-Learn, Jupyter, Pandas, Git, HTML
- **Familiar:** SQL, LightGBM, XGBoost, Docker, R, Matlab, C
- **Languages:** English *(Fluent)*; Portuguese *(Native)* and Spanish *(Intermediate)*