

DANIEL CABALLERO



I'm a Software Developer with a PhD in Computational Mechanics and a true passion for Information Technologies.
Self motivated and proactive both personally and professionally, I thrive working as part of a team in fast-paced, challenging environments.

CONTACT

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From: Argentina
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 Daniel Caballero

SKILLS

Programming Languages

Python
Bash
SQL
C++
Fortran
MATLAB
HTML/CSS
JavaScript
TypeScript
LaTeX

Operating Systems

Linux
Windows
MacOS

Languages

Spanish (native)
English
Portuguese
Italian
Swedish

WORK HISTORY

- 06/2021
 Valuechecker, Stockholm, Sweden
Software Developer
Design, develop and deploy incremental deliveries for existing data-driven application as well as several microservices. The main product is an API (Python + Falcon) interacting with a large SQL database in the Backend, and a Frontend written in Angular. Other relevant tools and technologies are: Linux VMs, Kubernetes, Docker, Apache Airflow, Elasticsearch, MongoDB, InfluxDB. All hosted in the Google Cloud Platform.
- 10/2020 - 06/2021
 Wondersign, California, USA
Data Analyst
Clean and normalize big datasets to make them available in production. Write Python scripts and notebooks for scraping/mining, merging, parsing, re-formatting and clustering data. Create data pipelines with a mix of technologies: Blender, ProductsUp, Google Cloud Platform, and more.
- 04/2016 - 08/2020
 GIAC, Mar del Plata, Argentina
CAE Engineer
Build models and perform simulations in the fields of Computational Fluid Dynamics & Solid Mechanics. Main tools: Ansys Fluent and Simulia Abaqus for simulations; Paraview, MATLAB and Python for Data Analysis & Visualization of results.
- 2014 - 2016
 La Paloma Brewing
Mar del Plata, Argentina
Sales & Logistics Manager

EDUCATION

- 2007 - 2012
 National University of Mar del Plata
Mechanical Engineering
Graduated with the best average grade of my class (8.62 / 10), gaining a Distinctive GPA Mention.
- 2016 - 2020
 National University of Mar del Plata
PhD in Computational Mechanics
Specialized in Finite Element Analysis (FEA) and Computational Fluid Dynamics (CFD).

GENERAL SKILLS

- Logical Thinking
- Problem Solving
- Management
- Communication
- Multi-Tasking
- Self-management
- Research
- Documentation
- Data Mining
- Data Modeling
- Data Analysis
- Data Visualization
- Scripting
- Linux
- Bash
- Python
- Django
- Flask
- FastAPI
- SQLAlchemy
- Typescript
- Angular
- SQL
- Google Cloud Platform
- Docker
- Apache Airflow
- Elasticsearch
- InfluxDB

MY IDEAL TIME ALLOCATION

