

# FERNANDO COSTA

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Data Engineer with two years of experience in development and project management with Python & SQL for data analysis and data consultancy. Recognized for delivering effective solutions from an educational perspective and collaborating with cross-functional teams as internal customers.

## PROFESSIONAL EXPERIENCE

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Ironhack, Barcelona, Spain June 2022 – Present

### Data Analytics Lead Teacher

- Directed projects implementing ETL, Exploratory Data Analysis, Machine learning & visualization through Python/SQL.
- Led and enabled students to achieve data analytics skills from zero to job-ready proficiency
- Boosted students' good coding practices following PEP-8 guidelines.
- Planned curriculum to target employability and meet market's needs.
- Extracted data from 3 different data sources—using a combination of SQL on Snowflake, Google spreadsheets and NoSQL databases using Python processing it to create data views for use in BI tools for other departments.
- Created impactful dashboards in Tableau for data reporting. Extracted, interpreted, and analyzed data to identify key metrics and transform data into meaningful, actionable information preventing the increase of drop rate by 5%.
- Collected, wrangled, proposed modeling and analysis of features of structured and unstructured data used for business initiatives which resulted in an operational time reduction by 10% per Program Manager.

Ironhack, Madrid, Spain June 2021 – June 2022

### Program Manager

- Coordinated 30+ courses with 350+ students in the field of data analysis.
- Led and onboarded a team of 20+ employees for product delivery and prescribed solutions for curriculum potential pitfalls.
- Coordinated with every stakeholder in the pipeline process of the customer journey.
- Prepared management with real-time insight into 5 key performance areas that boosted customer satisfaction by 35% and retention rate by 13%.

Ironhack, Madrid, Spain October 2020 – June 2021

### Teaching Assistant Data Analyst

- Coached over 60+ prospective data analysts for skills acquisition by scaffolding and defining the learning scope.
- Reviewed code quality in depth to identify improvements on readability, re-usability and scalability.

## EDUCATION

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Ironhack, Spain January 2022 – June 2022

**Full stack developer | Javascript, MongoDB, Express, React, NodeJS, HTML & CSS**

INESEM, Spain September 2020 – September 2021

**Master in Artificial intelligence and deep learning**

Ironhack, Spain January 2020 – March 2020

**Data analysis | Python, SQL, Tableau, Machine learning, ETL, EDA, Bash, Git**

**Bachelor of psychology**

- Completed one-year study abroad with San Diego State University and Utrecht Universiteit

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**SKILLS**

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Skills: Python | SQL | MySQL | MongoDB | Tableau | Bash | Git | Version Control | MongoDB | Relational databases | NoSQL databases | Pandas | ETL | EDA | Seaborn | Scipy | Scikitlearn | Tensorflow | Snowflake | Cloud | Data Warehouse | Machine Learning | Extract, Transform, Load (ETL) | Data Engineering | Data Modeling | API | Data science | Programming languages | Natural language processing | Software development