

EMPLOYMENT

Data Engineer	Capgemini	Feb 2021 – Present
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Openbank (client)

- Implemented data ingestion requests made by business intelligence team (financial client).
- Maintained the client's data lake by debugging, refactoring, and optimizing multiple client-written projects.
- Trained new interns from India (remote) on the project's technologies and workflows.

Core Technologies: Spark-SQL, Apache Hive, AWS (s3, EMR, Lambda and others), Scala, Python, Excel, Git, Maven.

Data Engineer, Intern	Capgemini	Oct 2020 – Feb 2021
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- Implemented ETL requests to migrate data from legacy on-premises (financial client) to the AWS public cloud.
- Refactored the main unit testing base class to improve the overall code quality of the migration project.
- Automated ETL integration tests on AWS EMR using shell scripts and AWS CLI.

Core Technologies: Spark-SQL, Apache Hive, AWS (s3, EMR, Lambda and others), Scala, Python, Excel, Git, Maven.

EDUCATION

Alcoy, Valencian Community	Universitat Politècnica de Valencia	Fall 2016 – Jan 2022
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- B.S.E. in Computer Science Engineering. GPA: 3.0
- B.B.A. in Business Administration and Management. GPA: 3.1
- **Relevant honors:** Databases, Intelligent Systems, Data Structures, Algorithms, Strategic and Integrated Information Systems, Econometrics, Statistics, Operations Research, Marketing Management

TECHNICAL PROJECTS (available @ github.com/victorcalabuig)

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- **Covid Radar** (2020). Pseudo radar with case tracking, close contact detection (by location), etc. Client-Server (Multithreaded) app implemented with Java and Sockets. Java, JavaFX, Sqlite3, git, GitLab
 - **Study Planner** (2018). Web app where each user can introduce his available time slots and study contents to get a personal dynamic study plan. Python, Django, PostgreSQL
 - **Connect 4 AI** (2018). Artificial intelligence capable of playing Connect 4 using the Minimax algorithm. Java
 - **15 Puzzle AI** (2018). 15 puzzle solver that used different search algorithms and heuristics. Java

LANGUAGES

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- Spanish (first language), English (native level)

TECHNOLOGIES

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- Java (proficient), Scala (proficient), Python (prior experience), SQL (expert), C# (prior experience)
 - PostgreSQL, Apache Spark, Apache Hive, Django,
 - Git, GitHub, Bitbucket, GitLab, Maven, IntelliJ, NetBeans, CLI, Jira, Bamboo, Excel, StatGraphics
 - Microsoft Azure Certified (AZ-900), AWS (s3, EMR, Glue, Athena, CLI), Odoo ERP, Ubuntu Server
 - Junit, Scalatest, Mockito
 - Operating Systems: Windows, Fedora, Debian, Ubuntu, macOS.