urbistondo.javier@gmail.com

+34 652757083

JAVIER URBISTONDO

LinkedIn

GitHub

EXPERIENCE

Software engineer - Spotahome   5/2018 – 2/2020
- Improved deployment time by 30% by extracting **micro-services** from a monolithic application in a team/effort.
- Applied **clean architecture** principles and patterns (hexagonal architecture, CQRS, Domain-Driven Design) for **distributed systems**.
- Saved over 800 hours' worth of work over a 4-month span automating manual operations by designing and developing a tool leveraging the **Google Sheet API**.
- Reduced CRM integration bugs by 72% by overhauling our backend integration with Zoho CRM's API and leading its upgrade from v1.0 to v2.0.
- Successfully represented my team and negotiated with different internal and external stakeholders on their behalf and took ownership of the backend code.
- Developed smaller frontend tasks in a backend-for-frontend architecture with React and GraphQL.

Machine Learning engineer - Intern at NEM Solutions   6/2017 – 9/2017
- Investigated Long Short-Term Memory (LSTM) networks and developed a deep learning model for wind turbine power output prediction using the **Keras** framework without senior guidance.
- Trained additional models running hyperparameter optimization to improve previously existing models.
- Performed exploratory data analysis with Python.
- Summarized results and communicated findings to leadership in bi-weekly reports.

Computer Science TA – University of Deusto   9/2015 – 1/2018
- Mentored 20 students on the fundamentals of OOP and assisted them in debugging their code.
- Taught courses: Discrete Mathematics, Formal Methods, Theory of Computing, Programming (I, II and III), Algebra, Intro to Databases.

TECHNICAL SKILLS

Programming languages
- **Python, PHP,** JavaScript, Java

Frameworks
- **Django, Symfony, React**, GraphQL, Keras

Operating Systems
- Linux, Windows

Database technologies
- **SQL** (MySQL, PostgreSQL), **NoSQL** (MongoDB)

Tools
- **Git, RabbitMQ, JIRA,** Docker

Methodologies
- SCRUM, AGILE

PROJECTS

Panenka Fantasy

Daily Fantasy Sports application for the LaLiga Santander league (Spanish 1st division of soccer).
- Developed a **web-scraper** that gathers live data from matches into a MySQL database in AWS RDS.
- Designed and implemented a **Python REST API** to serve an Angular frontend.
- Currently redesigning the app to apply Domain-Drive-Design and clean architecture principles.
- Technologies: **Python, Django**, Angular 5, HTML5, CSS3.

EDUCATION

2012-2018   **Universidad de Deusto, San Sebastian, Spain**
Bachelor of Science in **Software Engineering**
Bachelor of **Business Administration**

2016 (Fall)   **Loyola Marymount University, Los Angeles – Exchange program**