Asis Loustau

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asisloustau.com

Work experience

Automation and Quant Analyst
StepStone Group

Aug 2020 – present
San Diego, California

- Initiate and spearhead innovative process automation projects, reducing resources spent on existing processes by over 70%
- Develop tools and implement technical solutions, saving 1,000 hours per quarter
- Architect and maintain ETL pipelines, simplifying existing workflows and optimizing data quality

Freelance Python Developer
Self-Employed

Jan 2020 – present
San Diego, California

- Develop GNU Bash and Python scripts using SQL, Numpy, Pandas, and Matplotlib, automating processes to save 3 days/month of client's time
- Design and deploy Django web applications to host client's data and provide insightful analytics
- Scrape, clean and store data from APIs and websites using Requests, BeautifulSoup and Selenium, lessening processing time by 80%

Field Engineer
Flatiron Construction

Feb 2019 – Jun 2019
San Diego, California

- Spearheaded development of cost tracking plans and systematized tracking processes, doubling the speed of data entry related tasks
- Devised work plans and schedules, coached crews to ensure a safe and compliant environment
- Reviewed design drawings and engineered solutions, reducing the project critical path by 1 month
- Created and optimized construction staging, saving $200,000 in project cost

Design & Build Coordinator, Bridge Engineer
Dragados USA

May 2016 - Oct 2017
Corpus Christi, Texas

- Engineered and implemented technical solutions, saving over $1,000,000 in project cost
- Coordinated construction and technical team, ensuring the project was completed within timelines
- Developed precise cost estimations, forecasts and schedules to streamline project budget

Lead Project Engineer
SSF Ingenieure AG

Nov 2014 – Mar 2016
Berlin, Germany

Skills

Automation	Web Scraping / APIs	Data Cleaning	Full-Stack Web Development
Data Visualization	AWS	JIRA	Git and Version Control

Software Development and Data Science Skills

Software and Frameworks	VSCode, Django, Bootstrap, PowerBI, Jupyter Notebooks
Programming Languages	Python, MySQL, Bash, PowerShell, HTML, CSS, Javascript
OS	Linux, Microsoft Windows, MacOS

Education

Certificate in Data Science
Dataquest.io

Jun 2019 – Jan 2020

B.S. & M.S. Structural Engineering
6-year program at the Technical University of Madrid

2008 – 2014
Madrid, Spain

Languages

Spanish	German	English
Native	*Full professional proficiency*	*Full professional proficiency*