Luis Corujo

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Work Experience

Software Development Engineer II @ Amazon Web Services (WorkSpaces ThinClient)
Jan 2023 - Present // The Hague, Netherlands

- Designed and developed key features and microservices from scratch for the WorkSpaces ThinClient public launch (Java).
- Led API design and development, ensuring user-friendly, efficient and extensible APIs.
- Created reusable test resources, streamlining integration tests and canaries (Java, TypeScript).

Software Development Engineer @ Amazon Web Services (WorkMail)
Jan 2021 - Dec 2022 // The Hague, Netherlands

- Led the design and development of "Impersonation Roles", enabling secure programmatic access to user mailboxes via short-lived tokens, eliminating the need for sharing user credentials (Java, C++).
- Contributed to the design and development of mobile access control features, including "Mobile Access Rules" and "Mobile Access Overrides", enhancing admin control over mailbox access (Java, Python).

Visiting Researcher @ MIT Center for Collective Intelligence
Jul 2019 - Feb 2020 // Cambridge, MA

- Developed a machine learning algorithm to predict animal emotions from images (Python, TensorFlow).
- Designed and implemented features for the Climate Colab, a crowdsourcing platform (Java, MySQL, Spring).

Software Engineer Intern @ Telefonica
Jan 2019 - Jun 2019 // Madrid, Spain

- Designed and developed backend tests for the Movistar Home Assistant (Python, MongoDB)

Education
Technical University of Madrid (UPM), 2015-2019
- Bachelor of Science in Software Engineering

University of Illinois at Urbana-Champaign (UIUC), 2018
- Education abroad (Global E3 program)

Personal projects
- **AlphaPy** - A trading algorithm for the Forex market (Python, MySql).
- **thesongsoftheworld.com** - A website to discover and share songs (React, Python, AWS)
- **nuriarevuelta.com** - Fashion designer portfolio web app (React).

Skills
- Java, Python, C++, JavaScript, TypeScript
- Tensorflow, AWS, CDK, DynamoDB, React, SQL, Flask, Git, Agile methodologies.