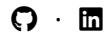


GIUSEPPE BALDINI

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EXPERIENCE

Umber

Software Developer

London, UK

Feb 2022 - Aug 2022

- Set up Android side of the React Native mobile app bringing app to feature parity with iOS
- Configured build variants and CodePush for Android to allow for dynamic updates
- Fixed bugs in both UI (e.g. splash screen, fonts) and UX (e.g. Plaid Link OAuth flow, navigation deep links)

Commsat

Industry Analyst

Beijing, China · London, UK

Oct 2018 - Feb 2022

- Identified, quantified, and prioritised 55 industry application scenarios for narrowband satellite IoT
- Conducted research on connected containers leading to USD 400,000 purchase letter of intent
- Supported R&D with frequency coordination and constellation analyses based on FCC and ITU filings

EDUCATION

University College London

MSc Computer Science (Distinction)

London, UK

Sep 2020 - Sep 2021

Electives: Machine Learning · Functional Programming · Software Engineering · Statistical NLP (audit)

Dissertation: "Conditioned Paper Abstract Generation" · Supervisor: Prof. Pontus Stenetorp, UCL NLP Group lead

London Business School · Fudan University

Global Masters in Management

London, UK · Shanghai, China

Sep 2016 - Jun 2018

EU Window Scholarship · Intern at Seeder in Shanghai working on renewable energy credits in China

Dissertation: "Determinants of robotic technology adoption in manufacturing" · Supervisor: Prof. Zhe Qu, Fudan

PROJECTS

Basic Post-scarcity Map

Jan 2022 - Present

- Developed interactive needs and technology trees with D3.js using data from a generated JSON file
- Hosted as a static site on GitLab Pages and deployed with a basic CI/CD pipeline after every main merge

Paper Abstract Generator

Jun 2021 - Aug 2021

- Developed conditioned LSTM model trained on NLP paper abstracts to generate novel research hypotheses
- Wrote end-to-end pipeline to preprocess abstracts, generate topic representations and word embeddings

Newborn Baby App

Feb 2021 - Apr 2021

- Co-developed mobile app as part of a three person team, starting with user research and system architecture
- Worked on UI (e.g. page layout, interactive elements) and UX (e.g. settings, navigation, support) using Ionic

SKILLS

LANGUAGES

WEB / APP DEVELOPMENT

MACHINE LEARNING

ANALYSIS / VISUALISATION

COMMUNICATION

Python

React

Scikit-learn

Pandas

Italian

Javascript / Typescript

React Native

Keras / Tensorflow

Matplotlib

English

SQL

Ionic

PyTorch

D3.js

Chinese