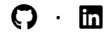# GIUSEPPE BALDINI

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EXPERIENCE

Umber   **London, UK**

Software Developer   Feb 2022 - Aug 2022

- Worked on the Android side of the `React Native` mobile app bringing app to feature parity with iOS
- Fixed bugs in both UI (e.g. splash screen, fonts) and UX (e.g. `Plaid Link` OAuth flow, navigation deep links)
- Improved development (build variants) and deployment (CodePush for Android for continuous updates)

Commsat   **Beijing, China · London, UK**

Industry Analyst   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   **London, UK**

MSc Computer Science (Distinction)   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   **London, UK · Shanghai, China**

Global Masters in Management   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 layouts, interactive elements) and UX (e.g. settings, navigation, support) using `Ionic`

SKILLS

LANGUAGES	Python	Javascript / Typescript	SQL
WEB / APP DEVELOPMENT	React	React Native	Ionic
MACHINE LEARNING	Scikit-learn	Keras / Tensorflow	PyTorch
ANALYSIS / VISUALISATION	Pandas	Matplotlib	D3.js
COMMUNICATION	Italian	English	Chinese