

# Gian Marco Forghieri

+44-7455-250-825 • [gm.forghieri@gmail.com](mailto:gm.forghieri@gmail.com) • [Website](#) • [LinkedIn](#) • [Github](#)

## Experience

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**Netcompany**, Software Engineer, part-time

*Delft, NL • July 2020 - Present*

- Developing treasury banking for the Dutch Ministry of Finance.
- Involved in requirements engineering, functional design & systems architecture, implementation and testing, using tools such as Angular, Typescript, ASP.NET, C# and Microsoft Azure DevOps

**Adyen**, In-house Technical Challenge Winner

*Amsterdam, NL • Feb 2020*

- Won 1<sup>st</sup> place out of 10 groups in [Adyen's Open Banking API](#) payment challenge using Postman.

**Systems Navigator**, Software Engineer, part-time

*Delft, NL • Apr 2019 – Apr 2020*

- Rapidly self-taught Angular and Django, to develop several components for [Dropboard](#).
- Substantially increased user and stakeholder satisfaction, by developing a custom-built feedback-component, which enabled users to give feedback on every new feature of a specific release, this potentially saved 100s of hours of technical support work.
- Implemented several different object importers & exporters from and to JSON/CSV format with custom validation and serialization, which has greatly simplified the initial setup as well as long term use of the application.
- Reduced subsequent data loading time from 1.7s to 58ms, by developing a custom caching mechanism on the backend with Django Python, which dramatically decreased waiting time when viewing historical data.
- Created an Angular library from existing in-house built components, to increase modularity and considerably reduce the development time of a new project, by reusing these components.

## Projects & Leadership

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**GoGreen - Modern Desktop App**, Project Manager & Back-end developer

*Jan 2019 - May 2019*

- Led a team of 7 students to develop a sustainable lifestyle promoting activity tracker.
- Taught myself Java Spring (Boot), Hibernate and developed a RESTful API, to serve as the core of the project.

**United Colours - Electronic Music Business**, Co-Founder

*Hungary • Jan 2011 - Aug 2015*

- Generated close to 200K EUR revenue from entrance fees and beverage sales across 25 events, catering to approx. 15K attendees by being responsible for the end-to-end execution of each event, while also performing in an electronic music duo.

## Skills

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**Languages**      Java, Python, TypeScript, Scala, JavaScript, C++, SQL, Bash

**Frameworks**      Angular, Django, Spring, Node.js, Express.js, Jest, Cypress, Spark, Flink

**Other tools**      Git, Unix, Chrome DevTools, Docker, Hibernate, Maven, Gradle, NoSQL

**Methodologies**      Agile & Scrum, Functional Programming, Automated Software Testing, REST

## Education

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**Delft University of Technology (TU Delft)**

BSc in Computer Science and Engineering

*Sept 2018 - Jul 2022*