# Gian Marco Forghieri

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## Education

- **Delft University of Technology** – *BSc in Computer Science & Engineering* **2018 – 2021**
- **Relevant Coursework:** Algorithms & Data Structures, Object-Oriented-Programming, Big Data Processing, Web & Database Technologies, Software Testing & Quality Engineering, Discrete Mathematics, Software Engineering Methods & Design Patterns, Probability & Statistics, Calculus, Linear Algebra

## Experience

**Systems Navigator** – *Junior Full Stack Software Engineer - Delft, Netherlands* **Apr 2019 – Present**

- Taught myself Angular and Django, to develop several components for **Dropboard.**
- Implemented a custom-built interactive feedback component, which substantially increased user satisfaction.
- Reduced subsequent data loading time from 1.7s to 58ms, by developing a custom caching mechanism on the backend with Django Python.
- Created an angular library from existing in-house built components, to increase modularity and significantly reduce the development time of a new project, by reusing these components.

**Marriott International** – *Corporate Sales Intern – London, United Kingdom* **Sep 2017 – Feb 2018**

- Developed a tool which made the proposal drafting process ~15 times quicker, this significantly helped QoQ revenue exceed target.
- Assisted the sales maximization process of 13 Marriott properties working in a team of 25 within a fast-paced environment based in central London.

## Projects

**Java RESTful application: GoGreen**; *Utilized: Java, JavaFX, SpringBoot, MySQL, Hibernate, SceneBuilder*

- 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.

**Online multiplayer game: Battleship;** *Utilized: JavaScript, Node.js, Express.js, HTML/CSS, Cookies, Websockets*

- A web-browser game inspired by the famous Battleship board game.

## Extracurricular (Leadership) Activities

**Co-founder of the electronic music duo and event business:** *United Colours*

- Organized more than 25 events, generating ~7,500 EUR with avg. 500 guests per event.

**Hotelschool The Hague, Hospitality Business School**

- Led 19 students for 2 months. We were responsible for almost 300 guests at Skotel The Hague.

**Self-Development**

- During my sales internship period, I self-taught advanced mathematics in order to transition from business studies at Hotelschool the Hague to computer science & engineering at TU Delft.
- I rehabilitated myself from a severe postural distortion, which I was able to identify by having a deep interest in holistic self-development.

## Skills

- **Programming Languages:** Java, TypeScript, JavaScript, Python, C, SQL, Unix, Scala
- **Frameworks:** Angular, Django, Node.js, Spring, Express.js, Jest, Cypress, Spark, Flink
- **Tools & Methodologies:** Git, REST, MongoDB, Neo4j, UML, Debugging, Automated Software Testing, Agile Development, SCRUM, CI/CD, Maven, Gradle