

# Giuliano Forghieri

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## EDUCATION

- **Delft University of Technology** 2018 – 2021  
BSc in Computer Science & Engineering (Working towards 8.0/10 GPA)
- **Relevant Coursework:** Algorithms & Data Structures, Object-Oriented-Programming  
Software Testing & Quality Engineering, Web Technologies & Database Design, Machine Learning,  
Big Data Processing, Software Engineering Methods & Design Patterns, CS50 by Harvard University

## EXPERIENCE

- **Google Developer Club** – Developer & Organizer at local [Google Developer Community](#).
- **Systems Navigator** – Full Stack Software Engineer – Delft, NL Apr 2019 – Present
  - Rapidly self-taught the Angular and Django frameworks to develop features for [Dropboard](#).
  - Improved Angular app performance by ~50% by restructuring API and using lazy loading.
  - Substantially increased user satisfaction by developing an interactive feedback-component.
  - Developed microservices auth. using JWT tokens aiding migration from monolithic architecture.
- **Marriott International** – Corporate Sales Intern – London, UK Sep 2017 – Feb 2018
  - Developed a searching 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 AND LEADERSHIP

- **Java RESTful application: Greenly;** *Utilized: Java, JavaFX, Spring, PostgreSQL, Heroku*
  - Led a team of 7 developers, built a gamified sustainable lifestyle promoting activity tracker.
  - Developed signup/login/welcome screens, remember me & forgot password, user profiles, leaderboard, friend/following system, achievements and graph to showcase user progress.
- **Online multiplayer game: SimplyChess;** *Utilized: JavaScript, Node.js, HTML/CSS, Caching, Websockets, Session cookies*
  - Built a web chess game, deployed on Microsoft Azure <https://simplychess.azurewebsites.net/>
- **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.
- **Duty Manager at HTH Business School in The Hague**
  - Led 19 students for 2 months. We were responsible for almost 300 guests at Skotel The Hague.

## SKILLS

- **Programming Languages:** Java, TypeScript, JavaScript, Python, Scala, SQL, C, C++
- **Web:** Angular, Django, Node.js, Docker, Kubernetes, Spring, Express, HTML & CSS, Jest, Cypress
- **Tools & Methodologies:** Linux & Unix, Git, REST, SQL, NoSQL, UML DB design, Debugging, Software Testing, Agile & Scrum, Functional Programming (Spark, Flink)
- **Natural languages:** Fluent: [English, Italian, Hungarian]; Beginner: [German]