

GUIDO BORDONARO

I am a curious and research focused individual, with a strong knowledge of the tech field; I have great experience in multimedia interfaces and data analysis. I am a great addition to any company that needs an hard-working, fast learning and creative teammate.

CONTACT

✉ guido@gubo.dev
☎ +39 334 7392713
📍 Espoo, Finland
🏠 gubo.dev
📧 @gubo97000
🌐 Guido Bordonaro

SKILLS

Programming Languages

Python, Javascript, Typescript, C#, Dart, C, Java

Web Technologies

HTML, CSS, React, Vue3, Nuxt3, PWA, D3

Python Libraries

matplotlib, numpy, scipy, pandas, networkx

Software

Unity, git, vscode, Figma, Jira

Design/Business Skills

Product Development, Product Design, Market Research, User Research, User Testing, Microsoft 365 Suite

Soft Skills

Pitching, Team-working, Teaching, Problem-Solving, Curiosity, Communication, Google

Languages

Italian, English

CERTIFICATES

IELTS - 7.5

Cisco Cyber Security Essential
EIT Digital Summer School, Coventry
ECDL

PERSONAL INFO

Interested in

Science, Tech, Comedy, Video games, Animation, Knowledge

Hobbies

Biking, Hiking, Cooking, DIY

Ethics

Environmentalism, Equality

WORK EXPERIENCES

📅 10/2022 - 03/2023

📍 Rejhon Technologies Inc.

HDR Gameplay Consultant for LG

Supported a research for grading HDR content; recorded dozens of quality curated gameplay, sped up user testing (by 2x) by scripting an automation app, subsequent study of the gathered data with visualizations. Acquired knowledge in HDR and color science related to the gaming industry.

Skill: HDR Technology, User Test, Python Windows Automation, Python GUI

📅 04/2022 - 07/2022

📍 Loop.ai, Milan/NY

Front End Developer

Full-time main front-end developer, built from the ground up the MVP of the company; future-proof web interface that supports graph-based management of AI operations. The job required great adaptability due to strict deadline, very fast development cycles in an Agile work style.

Skill: Nuxt3, Vue3, Typescript

EDUCATION

📅 09/2022 - present

📍 Aalto University, Helsinki/Espoo (FI)

Master in Computer Science | EIT 2nd Yr

Focus on optimization of usability human-computer interfaces via machine-learning-powered methods and deployment of device-agnostic apps; Innovation & Entrepreneurship marketing project with Logitech

📅 09/2021 - 07/2022

📍 Politecnico Di Milano, Milano (IT)

Master in Computer Science | EIT 1st Yr

Highly tech-based mayor in software engineering with focus on development and testing of human-computer interfaces, and improving knowledge in databases, cloud technologies and professional software development; I&E minor including multiple team-based project on multidisciplinary topic

📅 09/2016 - 04/2021

📍 Università di Catania, Catania (IT)

Bachelor in Computer Engineering

Wide-scoped program to form multi-talented computer scientist and engineers in software development, web, telecommunication and automation.

Thesis: A Clever Multi-Level Approach for Community Detection in Large Network

PUBLICATIONS

Investigation and perspectives about the promoting creativity to children with ASD in a Multisensory environment Magic Room. Generative game "Explora!"

👤 Guido Bordonaro, Sofya Komarova, Mattia Gianotti, Alessandro Atanassov, Giacomo Caslini, Franca Garzotto

📅 2022

📖 EdMedia+ Innovate Learning, 696-710, Association for the Advancement of Computing in Education (AACE)

🔗 [Link](#)

A Comparative Analysis of Different Multilevel Approaches for Community Detection

👤 Guido Bordonaro, Rocco A. Scollo, Vincenzo Cutello, Mario Pavone

📅 2023

📖 Metaheuristics: 14th International Conference, MIC 2022, Syracuse, Italy, July 11-14, 2022, Proceedings


🔗 [Link](#)


ACHIEVEMENTS AND AWARDS

🏆 DIGITAL TOURISM DEEPHACK - 2nd out of 26 teams

🏆 EIT Summer School, Data Visualization in Healthcare Innovation - First Place

PROJECTS


 04/2022 - 07/2022


 HocLab, Milan

Full-Stack Development

Taking to production the code-base of "1001Storia" website utilized for nation wide contests. My job was to help the designer implement the changes developed after a session of user testing, while also making small changes in the back-end code.

Skill: **React, Typescript, Go, postgresql**


 09/2021 - 12/2021


 I3Lab, Milan

Game Design & Unity Developer

Designing an interactive multi-sensorial experience for atypical children, developing the game on Unity, conducted empirical and user tests with a total of 12 users, culminated with a paper published in the AACE proceedings

Skill: **Unity, C#, Miro**


 04/2022 - 07/2022


 Mediolanum, Milan

Product Ideation

Solve the business challenge of improving well-being of hybrid employees in the company. My role was **tech consultant, feature designer** and developer of the MVP that was considered "excellent" by the company

Skill: **React, GPT3, Canva**


 09/2021 - 11/2021

 Coventry University, Coventry

EIT Summer School - Product Development

Designed a solution that would tackle loneliness in elder people, my key contribution in the project were on the market research and on the future application of the solution; key features that where considered "winning point" of our project from the jury.

Skill: **Product Design, Product Management, Market Research**


 09/2021 - 11/2021

 PoliMI, Milan

Web Developer & UX Inspector

Realized a usability inspection on the appointed website, conducted a user usability testing session and developed a usability-compliant website

Skill: **User Testing, UX Design, Vue2, Nuxt2**


 06/2021 - 07/2021

 Side-Project

Anicheck Web Developer

A website that uses AniList API to power an interactive graph that shows the user how his series are connected with each others and their completion status. The site has been further improved with user feedback.

Skill: **React, MUI, Vite, Typescript**


 01/2021 - 04/2021


 UniCT

Thesis - Complex System

A Python implementation of the multilevel approach for community discovery in networks. I was able to implement the base algorithm and successfully find optimization that made the algorithm extremely more performant.

Skill: **Python, Graph Theory**


 2020 - 2022

 Remote

Programming Advisor

Taught Python, SSH and the use of an efficient work pipeline to multiple PhD Physic students, that proceeded to get outstanding results in the academic world.

Skill: **Python, Pandas, Scipy, numpy, matplotlib, SSH, Teaching, Research Environment, AI & ML**

 08/2014 - 06/2015

 Bangkok, Thailand

Exchange Student Thailand

Exchange Year in Thailand during my 4th year of High School, where I was able to gather important knowledge on the Thai and Asian culture and key skill in communication, empathy and team work.