Kevin Mancini in

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EDUCATION

Imperial College London · 2023-2024
MSc in Advanced Computing

University of Hull · 2021-2022
Erasmus, Computer Science
GPA *4.0*/4.0

University of Bologna · 2018-2022
BSc in Computer Science and Engineering
110/110 cum laude
GPA *3.88*/4.0

PROJECTS

MGE *Link*
Windows/Unix desktop app developed in Java that can graphically represent 2D/3D functions and render *70 mil* points of a complex 3D function in *<1 sec* using a parallel computing approach

MMtech *Link*
E-commerce of computer components developed in HTML, Javascript, CSS, PHP, MySql Server

AWARDS

Year	Award	Rank
2022	UniBo Course best student	2nd/200
2022	NovaTalent Member	top 3%
2022	Best IoT Project Hull	1st/14
2021	SMARTUP GT winner	top 16/120
2021	UniBo Scholarship 2200€	–
2020	Intrapreneurship Program	top 40/1000+
2019	Er.go Scholarship 1200€	–

PROGRAMMING

Over 10.000 lines: Java · LaTeX · C · MATLAB
Over 1.000 lines: C++ · CSS · PHP · .NET · VB
JavaScript· Python · HTML · Scala · Assembly

EXTRACURRICULAR

VOLUNTEERING
CAI member - *100+* out/indoor activities to promote: trekking, alpinism and climbing
PADI advanced member - *20+* dives and *3* patents
Math and geometry tutor for kids - *60+* hours

INTERESTS
Classical music & Piano, Online chess, Reading

LANGUAGES

Italian	██████████	Native
English	███████░░░	C1

EXPERIENCE

Deloitte | Business Analyst · 04/22–10/23 · Milan,IT
- Selected as one of the *6* most successful teams in Deloitte Consulting (Italy & Greece) and participated in the annual conference in Sardinia, IT
- Found technical solutions and directed meetings for major Italian banks
- Reduced to *1/5* the developing time of OSBs using automation scripts
- Dealing with Digital Transformation, Agile, Microservices, Cloud
- Found *50+* critical points to the requirements of a financial planner
- Java, APIs, OSBs, BFFs, Spring Boot, Oracle BDs, SQL, Redis, AWS

Humans | Co-founder & Developer · 03/21–04/22 · London,UK
- Built and led an international team of *4* members to develop Humans
- Humans was an innovative social network for mobile devices
- Managed to obtain an alpha version in just *5 months* through: weekly meetings, performance monitoring, motivational presentations
- Developed in Java using Android Studio and a MySql server

Cesia UniBo | Strategy Consultant · 07/21–09/21 · Cesena,IT
- Selected as one of the *Top 40* talents from the University of Bologna during the excellence program: "Intrapreneurship program 2021"
- Collaborated with executives during strategic decisions about PA
- Improved the scheduling efficiency for TOLC tutoring by *16%*

CRIF | Intern, DevOps Engineer · 05/21–07/21 · Bologna,IT
- *Top 16 out of 120* students, CRIF SmartUp GT Competition
- Reduced by *80%* the installation time of a SQL Server using Ansible
- Used Jenkins to assure CI/CD and automate a 28-minutes installation

RESEARCH

UniBo CS Department | Researcher · *Link*

Exponentially improved ScaFi portability increasing the execution time by just *27%*. This significant achievement resulted in the thesis paper. Worked with Gianluca Aguzzi and Prof. Mirko Viroli on the theoretical research of Aggregate Computing and the integration of Scala Native to ScaFi, a framework that implements field calculus operational semantics.

Hull IoT Lab | Head Undergraduate Researcher · *Link*

Led an international team of *6* students, under the supervision of Prof. Anthony D. Bateson. Placed *1st/14* at the Hull IoT project competition with a device that uses sensors and SPI devices to create an interactive game. The circuits were welded and then connected to an STM32 microcontroller while the software was entirely written in C

UniBo CS Department | Researcher · *Link*

Wrote a research report with the supervision of Prof. Luciano Margara on Blockchain's technology and the main adoption challenges related to scalability, security and efficiency