

David Henry Francis Wicker

Research Assistant and Full-Stack Developer leveraging technology for climate justice, climate mitigation, and educational empowerment

Languages: Italian; English (Cambridge C2, 2022); German (Goethe B1, 2019); Arabic (A2, 2025)

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Education

'23-'26 **Maastricht University** BSc in Computer Science (Maastricht, Netherlands)

'18-'23 **I.I.S "Blaise Pascal"** Applied Sciences High School (Giaveno TO, Italy)

'21-'22 **United World College Dilijan** International Baccalaureate DP1 (Dilijan, Armenia)

Awards and Scholarships

- Awarded partial scholarship at UWC Dilijan College through the Italian UWC committee (2020)
- Awarded merit Academic Scholarship at I.I.S. Blaise Pascal (2018-2019 and 2019-2020)
- Awarded "Honorable Mention" and "Best Delegate" awards at the Turin Model United Nations (2019)

Relevant Work Experience

- **Research Assistant, Law & Tech Lab at Maastricht University** (2024 -): Collaborate with an interdisciplinary team to integrate law and computer science methods, contributing to research projects that study digital transformation and legal technology.
- **Student Ambassador, Faculty of Science and Engineering at Maastricht University** (2024 -): Represent the faculty to prospective students and external stakeholders, assist in organizing events, and provide insights to enhance student engagement and experience.
- **Full-Stack Developer, Tap2** (2024): Developed and maintained the codebase for Tap2, a platform designed to streamline digital interactions and enhance user engagement in HoReCa.
- **Intern, Mediamente Consulting** (2022): Designed and programmed a company car booking system.

Relevant Volunteering Experience

- **Lead Coordinator, Code.X Mentorship Program** (2025-): Oversee the design, implementation, and evaluation of the mentorship program, recruit and match mentors and mentees, provide training and support, and ensure effective communication among participants.
- **Volunteer Full-Stack Developer, NewsCord** (2025-): Contribute to the development and maintenance of the NewsCord platform, enhancing user experience and ensuring seamless access to news content.
- **English and Coding Tutor, Code.X** (2025-): Plan, prepare, and deliver lessons in English language skills and basic coding concepts to children in Gaza, adapting the curriculum to meet students' needs and fostering a collaborative learning environment.

Extracurricular Activities

- Organizer and Speaker, Project Armenia at I.I.S. Blaise Pascal (2022)
- Photographer, UWC Dilijan (2021 - 2022)
- Member, Sustainability Committee at UWC Dilijan (2021 – 2022)
- Organizer, TEDx Youth at UWC Dilijan (2022)
- Invitee, TED Countdown Summit in Edinburgh (<https://www.ted.com/profiles/30137362/about>) (2021)
- Organizer, Fridays For Future local, national, and international organizing committees (2019 – 2021)
- Tutor of Computer Science, Academic Tutoring Program at I.S.S. Blaise Pascal (2019 – 2021)
- Participant, the Junior Academy at the New York Academy of Sciences (2019 – 2020)
- Student, Università Bocconi Summer School "International Politics Lab" (2020)
- Student, Università Bocconi Summer School "EU for Sustainable Globalization Lab" (2020)

Relevant MOOCs

- Deep Learning (Neuromatch)
- CS50's Introduction to Artificial Intelligence with Python (Harvardx)
- 6.00.1x: Introduction to Computer Science and Programming Using Python (MITx)
- Oxford School of Climate Change (Oxford Climate Society)