

Davide Bonn

Boston, MA | davidebonn.tn@gmail.com | (857)352-8760 | [linkedin.com/in/davide-bonn](https://www.linkedin.com/in/davide-bonn) | [Portfolio](#)

Education

Boston University

Boston, MA

B.A. in Computer Science

- Selected among first-year students for \$500 seed funding and coaching on tech projects
- recursion, algorithms, data structures, discrete mathematics (logic, proofs, sets, combinatorics, number theory)

Experience

Shiftly

Boston, MA

Programmer, TypeScript | Marketing Strategist

2025 - Present

- Coded key marketplace pages in TypeScript, including *Contact Us*, *Students*, and onboarding flows, while enhancing UI polish and SEO to increase discoverability and reinforce brand identity
- Designed and executed a social content strategy focused on conversion and clickability; achieved **10,000 social** views in the first month, directly boosting student engagement and sign-ups

GlowLedger

Trento, Italy

Freelance Developer

2025 - Present

- Originated and closed a paid client by demoing a prototype, demonstrating initiative in business development; scoped milestones and shipped a custom Streamlit dashboard
- Built Plotly views to track expenses and revenue across **100+ clients** and export monthly summaries

F4F Waste-Tracker

Trento, Italy

Campaign Strategist

2023

- Led a student team of **6** and coordinated with **3 partner organizations** for a brand refresh; redesigned the website in Figma, created social media visuals, and developed event packets
- Presented the campaign proposal to **150+ stakeholders**; campaign was later featured in the Risto3 newsletter

Projects

Real-time Transcription

Boston, MA

Audio Processing Tool

2024 - 2025

- Built a recorder that detects speech and writes aligned transcripts while saving audio, a self-directed initiative
- Used Silero VAD for voice activity detection and Faster-Whisper for low-latency transcription; automated file handling for organized clips and transcripts

FidoFeed

Trento, Italy

IoT and Automation Prototype

2023

- Built an Arduino/Python smart pet feeder with servo dispensing and real-time clock control
- Added Alexa voice scheduling and app triggers for automated or manual feeding
- Prototyped and stress-tested over 6 months, demonstrating reliable scheduling and consistent portion delivery

Computer Vision for Gaming

Trento, Italy

Independent Project

2022

- Designed a controller with OpenCV and MediaPipe to map eye movements and hand gestures to mouse and keyboard.
- Achieved reliable real-time detection at **~20 FPS** on a standard laptop; tested with 5+ users and demonstrated **80%+** accuracy in mapping gestures to actions.

Pepper Robot Pandemic Project

Trento, Italy

Robotics Programming

2021

- Programmed Pepper to verify vaccination status, take orders, and deliver food in a demo

Certifications

Cambridge IGCSE Science and ESL | IELTS C1 score 8/9

Skills

Coding: Python, C++, TypeScript, Arduino

Tools: Streamlit, Plotly, Raspberry Pi, CAD (Fusion 360), Google Calendar API, Git

Concepts: Algorithms, Boolean logic, prototyping, computer vision, cybersecurity tinkering

Languages: Italian (native), English (C1), German (B1)