

Armando Ahir

31-01-2000 | armandoahir31@gmail.com | armandoahir@proton.me

Education

High school Fortunato Marazzi

Crema, Italy

Electronic technician diploma

- **Relevant courses:** Electronics foundamentals, electrical maintenance, Computer science foundamentals, mechanics

University of Brescia

Bsc computer science engineering

Brescia, Italy

- **Relevant courses:** C and Java foundamentals, databases (SQL and NoSQL), Network communications (GNS3), operating systems, Software engineering(UML, design patterns, blackbox and whitebox testing), Programming languages structure.

Technical Skills

Languages: English(B2), Italian (native), Hindi(second language), Punjabi(dialect), French (school formation),

Programming Languages: C/C++, Java, MATLAB, Latex, Shell

DevOps tools : Docker, Git, Github, Linux.

Development Frameworks: Haven't studied yet, but i'm open for a frontend formation

Cybersecurity skills: Data breach prevention, Cyber Defense Strategy

Soft skills: Critical thinking, time management, ruthless work ethic with enough emotional intelligence.

Certifications and Awards

Talent Scout Project 2017 Winner: Top 1 Istitute ranking – Top 10 Provincial Ranking of Cremona, Italy

U.O.C. Networks and Computer security Training course Open badge

Experience

ETIPACK SPA

High school internship

Cremona, Italy

Electronic technician

- Electrical wiring of sorting machines or labeling machines, intended for the industrial field.
- Mechanical design of machine parts using CAD software(Solidworks).

BOSCH VHIT SPA

Summer internship

Cremona, Italy

Quality control

- Product inspection: Control and sampling of microchips on finished or in-process products.
- Documentation and reporting of test results on product quality.

Projects

Warehouse management software | Java

- Software developed during the Java programming exam.

Source code link: www.github.com/armandoahir/Warehouse-manager

Barter management System | Java

- A group project for "software engineering" course. focused on the developement and refactoring (to adapt it with standard design patterns) of a software that manages bartering between two entities: a provider and a customer.

Source code link: www.github.com/armandoahir/BarterManagementSystem

Bluetooth Liquid Controller | C++ for Arduino/ESP32

- Digital electronic systems project. Coding and wiring of a liquid balance watchdog.

Source code and prototype link: www.github.com/armandoahir/ESP32-LiquidControllerBT.

Minimal OS scheduler | OS for embedded systems

- A minimal Linux scheduler with sched-ext written in C.

Source code: Currently work in progress.