Armando Ahir

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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, Network communications, operating systems, Software engineering, Programming languages structure.

Experience

ETIPACK SPA   High school internship

Electronic technician   *Cremona, Italy*

- 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

Quality control   *Cremona, Italy*

- 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, which can be found on my Github: www.github.com/armandoahir/Warehouse_manager

Barter management software | *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. The project was implemented starting from use cases, class UML diagrams, and an instruction manual.

ESP32 Liquid controller BT | *Arduino IDE/ ESP32*

- Digital electronic systems project. Coding and wiring of a liquid balance watchdog. Source code and prototype can be found here: www.github.com/armandoahir/ESP32_LiquidControllerBT.

Skills

Lingue: English (certified: B2/second native language), Italian (native), Hindi(second language), Punjabi(dialect of Punjab(India)), French (school formation).
Programming Languages: C/C++, Java, MATLAB, Scheme, Haskell, Prolog, Latex, Rust
Development Frameworks: Haven't studied yet, but i'm open for a frontend formation
Other : Debian e Arch based Linux, Shell programming