

# Resume

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Computer Engineer with a passion for full-stack web development, machine learning, and data-driven applications. I have good Understanding in designing scalable architectures, knowledge on the principale AWS services and the use of containerization with Docker for application deployment and management.

My main idea is writing clean and maintainable code and applying software engineering best practices including design patterns, type safety, respecting algorithmic complexity, applying version control. Strong foundation in algorithms, data structures, and system design, providing a secure application development.

Proficient in machine learning and data analysis using Python and libraries like TensorFlow.

## EDUCATION

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**University Name :** *Università degli studi di Perugia* **11, 2018**  
*Bachelor Computer Engineering*  
*Perugia, PG*  
● **GPA: 86/110**

**University Name :** *Università degli studi di Perugia* **11, 2022**  
*Frequented Data Science courses for 2 years*  
*Perugia, PG*

## PERSONAL PROJECTS

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**Crime Dashboard** [Demo](#) – [Repository](#)  
*December 2024 - February 2025*  
● A React dashboard with the use of Chackra UI.  
● ExpressJS backend serving the crimes data to showcase  
● To navigate the crimes of the City of Belém - Brazil in a modern site  
○ **Stack:** Typescript (React); ExpressJS; Linux (Ubuntu); Nginx; AWS ECS

**Judo Club** [Demo](#) – [Repository](#)  
*August 2024 - September 2024*  
● Interactive learning using data visualization libray and angular features.  
● SPA application written in Angular for a judo club.  
○ **Stack:** Typescript (Angular); ExpressJS;

**Leaf Segmentation** [Demo](#) – [Repository](#)  
*May 2025*  
● Implementing image segmentation using U-Net implementation on a custom dataset  
○ **Stack:** Kaggle; Tensorflow; Labelbox;

## SKILLS

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- **Languages & Framework:** JavaScript; TypeScript; Java; Python; React; Next.js; Angular
- **ML and Libraries:** Python; TensorFlow; scikit-learn; numpy; pandas
- **Visualization :** D3.js
- **DevOps & Tools:** Git; GitHub; Docker; Vite; QGIS