Education

The Higher Institute of Information Technologies and Communication

Borj Cedria, Tunisia

Bachelor's in Computer Science, Speciality: Software Engineering and Information Systems September 2023 – June 2026

High School Manouba, Tunisia

Baccalaureate in IT June 2023

Professional Experience

Flouci

Backend Development - Internship

July 2025 - August 2025

- O Worked on backend development using Django in microservices architecture
- O Gained practical exposure to real-world software development and project workflows
- O Strengthened technical skills in Python, Django, and database management
- Collaborated with team members to implement features and solve development challenges
- o Enhanced problem-solving, coding, and project management skills

Personal Projects

Video Summary - Full Stack AI Application

August 2025 - September 2025

- O Developed a full-stack Al-powered application for video transcription and summarization
- O Built Diango REST Framework backend with Celery and Redis for scalable background processing
- Integrated OpenAI Whisper for speech-to-text transcription and Groq LLM for video summaries
- Designed responsive Angular frontend with real-time progress updates and notifications
- Implemented JWT authentication and secured APIs for user data protection
- Delivered solution turning long videos into actionable insights, improving accessibility and efficiency

Cloud Resume Challenge Octobre 2025

- Built and deployed a cloud-based resume website demonstrating full-stack cloud engineering skills
- o Implemented serverless architecture using cloud services for scalability and cost-efficiency
- Integrated visitor counter with database backend and API endpoints
- Configured CI/CD pipeline for automated testing and deployment
- Utilized infrastructure as code (IaC) for reproducible cloud resource management

Skills

Backend Development: Django, FastAPI, REST APIs, microservices

Frontend Development: Angular, HTML, CSS, JavaScript

Databases: MySQL, PostgreSQL, data modeling **Tools & Version Control**: Git, GitHub, Bitbucket

Languages

Arabic: Native English: B2 French: B1