BOUDOUR HANINE

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Date of Birth: 12/18/2005

PROFESSIONAL SUMMARY

Highly motivated Computer Science student specializing in Software Engineering, ranked 9th out of 391 students and top female student in the cohort at BATCH 2023 in University of Constantine 2 Abdelhamid Mehri, Faculty of New Technology, Information and Communication (NTIC). Experienced in leading software development projects, designing application architectures using UML, and managing tasks with MS Project. Skilled in programming (Java, C, HTML, CSS, JavaScript, SQL, React, Spring Boot), desktop and web application development, and networking fundamentals. Passionate about applying innovative technologies responsibly, with strong leadership, teamwork, and problem-solving abilities.

TECHNICAL SKILLS

- Programming: Java & Python (OOP: Object-Oriented Programming), C, C++, JavaScript, Assembly (QtSpim)
- Algorithms & Data Structures
- Tools & IDEs: Eclipse, IntelliJ, Visual Studio, CodeBlocks, Packet Tracer, Git
- Desktop Development: JavaFX, Swing
- Web Development: Full-stack development using HTML, CSS, JavaScript, React, Spring Boot, PHP, API development
- UI/UX & Design Tools: Canva, Figma
- Networking: IP addressing, router/switch configuration, Protocols, Model
- Databases: (SQL):MySQL Workbensh, MySQL command line
- Software Design & Methodologies:
   1- UML diagrams (Use Case, Sequence, Activity, Class, Object)
   2- UP (Unified Process)
   3- Knowledge with: MERISE, Spiral, V-Model, Waterfall (Cascade)
- Project Management Tools: MS Project, ProjectLibre
- Testing & Quality Assurance: JUnit 4 & 5
- Productivity/Office Software: Excel, Microsoft Word, PowerPoint
- System Installation: Windows 10 & 11, Linux
- Command Line :Linux terminal (command line, shell basics), CMD, Git
- Computer Architecture & Hardware Knowledge
- Photo Editing: GIMP, PicsArt, Adobe Lightroom, FaceTune, FaceApp
- Video Editing: Acemovi, Kdenlive, CapCut

- Animation: Pencil2D (Beginner), Blender (Beginner)

SOFT SKILLS & LEADERSHIP

- Leadership, Teamwork & Problem-Solving: Project Coordination, Task Organization, Team Motivation, Conflict Resolution, Analytical Thinking, Quick Problem Solving, Adaptability
- Communication, Creativity & Expression: I am a confident communicator with extensive experience presenting ideas publicly, having acted in theater productions and performed poems and speeches throughout my primary, middle, and high school years. Creativity, and ability to connect with diverse audiences in meaningful ways.

PROJECTS & EXPERIENCE

DAW – Clothing Store Web Application

- Led a team to design and develop a clothing store web application, organizing tasks and ensuring timely progress.
- Used UML diagrams to model the application and followed a structured development process.
- Applied technologies: Java, JavaScript, HTML, CSS, React, Spring Boot, SQL.
- Developed skills in teamwork, leadership, project organization, and practical software development.

Current Project (In Progress)

Working on a Text Analyzer application using threads, locks, and concurrency concepts, applying object-oriented programming and advanced Java techniques. Completed a UML Implementation project using JavaFX, strengthening software design and development skills.

EDUCATION

University of Constantine 2 Abdelhamid Mehri, Constantine, Algeria

Licence 1, Licence 2
Previous Faculties: New Technology Information & Communication (NTIC)

Licence 3
Faculty: Software & information Systems Technologies

Rank: 9th out of 391 students, top female student in the 2023 cohort

ADDITIONAL INFORMATION

- Languages: English (proficient), French (fluent), Arabic (native), Turkish & Spanish (A2)
  Interests:
- Artificial Intelligence & Machine Learning: Exploring AI concepts, algorithms, and applications in software development
- Technology & Innovation: Keeping up with emerging technologies and software engineering trends