

FADI BENZAIMA

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EDUCATION

ÉCOLE SUPERIEURE EN INFORMATIQUE 08 MAI 1945

Sep. 2021 - June 2026

Master's and engineering degree, Computer Science

Sidi-Bel-Abbes, Algeria

- Achieved 15.43/20 CGPA during two years of preparatory classes.
- Ranked fifth in a class of 300 students.
- Studied abroad in Massachusetts, United States during summer 2023 (UMassAmherst)

University Of Helsinki

Feb. 2023 - July 2023

Open-University Program, Modern web development

Remote

- Earned a grade 5/5 with 7 ECTS
- Relevant coursework: React, state management with Redux, NodeJS, Express, testing with Jest and Cypress.

PROFESSIONAL EXPERIENCE

Brenco Engineering & Consulting

Oct. 2023 – Nov. 2023

Software engineering intern

Algiers, Algeria

- Collaborated with a cross-functional team of 4 experts to identify and rectify critical bugs in 5 web applications, resulting in a 40% reduction in customer support issues and improving overall user experience.
- Participated in the implementation of the company's newly branded website, working with a team of 4 developers and designers; increased website traffic by 25%.

International Strategic Management

July 2023

Youth Mentor

Southfield, Michigan

- Mentored 20 high school students in Lawrence Technological University, on web development as part of the Global Trade mission to engage youth in the STEM mindset.
- Presented 2 workshops on web development including HTML, CSS, JavaScript, and the fundamentals of React.

PROJECTS

Uphawu, Web App | Full Stack, React, Node.js.

- Created within a team of 10 people a document authentication solution that uses QR codes for document verification and security.

Markita, Blog Website | Full Stack, Redux, Unit testing, end-to-end testing.

- Built a CRUD React application using Redux Toolkit and Tailwind CSS following best practices for code organization, custom hooks, and unit testing with Jest.
- Integrated a MongoDB-based Express server with RESTful API endpoints tested with Jest and Supertest.
- Achieved successful end-to-end testing with Cypress to ensure the application's functionality and quality.

E-VENTI, Web App | React, TypeScript, Sass, Vite, .NET.

- Developed with 5 teammates a comprehensive full-stack event management system as part of the second-year studies interdisciplinary project.
- Used best practices in software engineering from specification, conception, implementation to testing.
- Integrated Typescript with React for a better development phase while utilizing Vite, CSS modules and Sass

SKILLS

Skills:

- *Web development:* React, Redux & Context API, TypeScript, Tailwind CSS, Sass, Webpack, NodeJS.
- *DevOps and others:* Jest, Supertest, Cypress, Docker, Git and Github, Github Actions, Python, Bash Linux.

Languages: Arabic (Native), French (Fluent, TCF: C1), English (Fluent).

EXTRACURRICULARS

Alphabit Scientific Club

September 2022 – Present

Bitwise Podcast host and manager

- Interviewed over 10 prominent figures in the fields of technology and entrepreneurship from all over Algeria.
- Managed over 30 people to deliver high quality episodes and content.

Alumni of SUSI: Economic Empowerment program

June 21 – July 26, 2023

- Was chosen among 400 applicants to participate in a fully funded program in the US.
- Developed a comprehensive community action plan to bridge the educational gap between high school and college in Algeria, resulting in ranking 1st among 20 participants from 5 different countries.