

Ibrahim El Khansa
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OBJECTIVE

Creative and enthusiastic Computer Science Engineering student at AUB with a passion for web development, design, and music. Seeking a dynamic internship or entry-level position that allows me to apply my diverse skill set, collaborate with like-minded professionals, and contribute to the creation of captivating and engaging digital experiences for users.

EDUCATION

09/2020 – Present **American University of Beirut (AUB)**
Bachelor of Engineering in Computer Science Engineering
• Minor in Engineering Management

WORK EXPERIENCE

10/2022 – 03/2023 **Khansa Carpets ([instagram link](#))**
Social Media Manager
Beirut, Lebanon
• Captured captivating product images for social media promotion
• Utilized Adobe Photoshop and Adobe Premiere Pro to craft visually appealing and engaging social media posts
• Monitored and analyzed Meta analytics to refine and optimize social media performance

08/2022 – 11/2022 **Fits Consulting**
Digital Transformation Consultant Intern
Beirut, Lebanon
• Took charge of creating and fine-tuning business processes by leveraging the features of Bizagi software
• Dug into how things were done, figuring out where we could do better, and made those improvements happen
• Worked hands-on with Bizagi to streamline day-to-day operations, making everything run smoother and more efficiently
• Regularly collaborated with different teams to make sure the software was keeping up with the changing needs of the business
• Developed flow charts and admin portals for clients using Bizagi and JAVA

09/2021 – 05/2022 **American University of Beirut**
Coding Tutor
Beirut, Lebanon
• Conducted engaging lectures for Python, C++, and VHDL classes, addressing more than 30 students per session
• Created and shared valuable tutoring materials online to facilitate accessible learning resources for students

SAMPLE DEVELOPMENT PROJECTS

11/2021 - Present **Coursist (coursist.org)**
• Developed and maintained a course scheduling website utilizing Next.js for the frontend and Firebase Services for the backend, catering to university students at AUB, and LAU. Ongoing efforts include expanding coverage to additional universities.
• Researched best programming practices and implemented clean, dry code principles, ensuring maintainability and extensibility of the project

- Collaborated with my colleague using Git and GitHub for effective development and distribution of tasks
- 01/2023 - 06/2023 3azaw2ak Mobile App**
- Developed a cross-platform native app for Android and iOS using React Native and Expo for the frontend and Firebase Services for the backend, ensuring optimal app performance. The app
 - Implemented a serverless, event-driven backend using Firebase Cloud Functions, enabling efficient data processing, and reducing infrastructure costs.
 - Created a cloud-hosted, real-time database synchronized across all clients using Firebase Realtime Database, ensuring data consistency and offline data access for users
 - Ensured API backend resource protection and user privacy using Firebase Authentication and Firebase App Check, implementing robust authentication and authorization protocols
 - Managed the full app life cycle, including concept, design, build, test, and release to staging environment, utilizing Expo Application Services (EAS) for streamlined app development and testing
- 10/2022 - 12/2022 Messaging Platform**
- Collaborated with three classmates to create a local host chatting platform using the JAVA programming language as part of our Computing Networks and Services course
 - Incorporated features of Google Drive allowing concurrent file editing and sharing as well as a chat messaging system

EXTRA CURRICULAR ACTIVITIES

- **AUB Physics Summer Program (07/2019 - 08/2019):** Selected by the American University of Beirut (AUB) from a competitive pool of high school students in Lebanon, I participated in the AUB Physics Summer Program. Over four weeks, I engaged in immersive lectures and hands-on laboratory sessions, deepening my understanding of physics and expanding my academic horizons.

AWARDS and RECOGNITIONS

- Won first place in the 2019 *LAU Film Competition* for best video editing

RELEVANT COURSEWORK

Software Courses: Design and Analysis of Algorithms, Object-Oriented and Effective Java Programming, Computing Networks and Services, Theory of Computation, Programming Language Design and Implementation, Cryptography and Network Security, Software Engineering, Database Systems, Software Architecture and Design Fundamentals, Web, Mobile, and Application Development Lab

Hardware Courses: Computer Organization, Operating Systems

Other Courses: Machine Learning, Engineering Entrepreneurship, Communication Systems

MEMBERSHIP

- Cabinet member of the Music Club at AUB
- Former member of the Robotics Club at AUB

SKILLS

Languages: Fluent in English, Arabic and German

Computer Skills: JavaScript, Typescript, HTML, CSS, React, React Native, Next.js, git, Firebase, Python, Microsoft Office, Photoshop, Adobe Premiere Pro, Adobe After Effects

Soft Skills: Initiative, Management, Research, Leadership, Adaptability, Time Management, Teamwork, Organization

HOBBIES

Drumming 🥁, Bass, Electric Guitar, Saxophone, Singing, Video Editing