

HADI HAMOUD

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EDUCATION

American University of Beirut

Aug 2018 - Aug 2022

Bachelor of Engineering in Computer and Communications, CGPA 3.65/4

EXPERIENCE

Enterprise Solutions & Cloud Consultant intern — *SAP CLOUD, Azure, AWS*

Jul 2021 - Oct 2021

KPMG Lower Gulf Limited

Dubai, UAE

- Composed technical and commercial proposals for clients from multiple industries.
- Assisted in Customer Relations Management implementation project for a major UAE government entity.
- Developed Enterprise Resource Planning deliverables to present to KPMG clients while abiding to standards and best practices.
- Supported the development of the KPMG-SAP service offering deck.
- Participated in the full life cycle of an ERP selection and assessment project.

Financial Technology Engineering Intern — *C, UNIX, mysql*

Aug 2020 - Nov 2020

Areeba S.A.L.

Beirut, Lebanon

- Analyzed, designed, and implemented a solution for a mobile app push notification service for Bank Audi across Oracle DB, UNIX dedicated server, and the Audi Banking App.
- Assisted in the configuration and the support of ATM setup and flow.
- Assisted in the implementation of OCT and AFT methods for VISA Direct following standards and best practices, on database and server.

PROJECTS

- **Winner of the 2022 Murex Best Software Collaboration Final Year Project - DAVE** (Differential Analysis Visualizer for EMRs). This application is currently deployed on AUBMC test servers, going live soon with embedded EPIC Electronic Health Records system access for all medical practitioners. It is a clinical note analysis application that relates practitioners' notes to textbook clinical diagnostic algorithms using Natural Language Processing and machine learning framework. www.davemr.com — *Python, NLP NLTK DISCO SpaCy, pandas, React.JS, rest, typescript, Redis Heroku, cytoscape.js*
- **InOrOut** - Event-posting platform for people to build friendships based on common interests. — *Java, Kotlin, Python, Android Studio, Retrofit APIs, FastAPI backend, PostgreSQL, SQLAlchemy, Pydantic, Alembic Migrations*
- **ShopiDetect** - Machine-learning SVM based web application that takes as input a URL, extracts, and analyzes several features including domain and other web elements to produce a True/False output regarding the website's safety. — *Sklearn, SVM, Python, Keras, FastAPI, React.js, PostgreSQL*
- **AUBVax** - Fully functional Covid-19 vaccination mobile application for AUB students. — *Python, Django Framework - MVC, HTML, CSS, Javascript, SQLite*
- **LibMS** - Fully functional Library Management System with student-librarian privileges and secure verification components. — *Python, Django Framework - MVC, HTML, CSS, Javascript, SQLite, Agile development*
- **AUBSISChecker** - web-scraping automation executable with two main functionalities: finding and registering courses with remaining capacities for students, and checking if any grades are posted, while notifying user by email in both cases. — *Python, Selenium webdriver, Tkinter*
- **Speech Therapy Methods** - language and text processing algorithm that helps speech therapists analyze spoken and written text for their patients by calculating various statistical measures (TTR, MATTR, MTLD...). Said measures greatly help in speech pathology research and applications. — *Python, R, PyTorch*

SKILLS

Technical Skills: Python, C++, C#, Java, R, Matlab, Kotlin, Tensorflow, Sklearn, Pandas, SQL, NLTK.