

ALBARA RAMLI

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EDUCATION

University of California - Davis
PhD, Computer Science

November 2017 - June 2023
GPA: 3.7

University of California - Davis
Master's, Computer Science

September 2016 - March 2018
GPA: 3.6

University of Tripoli
Bachelor's, Computer Engineering

PROFESSIONAL EXPERIENCE

University of California - Davis
Postdoctoral Scholar

Davis, CA, USA
September 2023 - Present

- Dedicated to designing, crafting, and fine-tuning machine learning models for healthcare applications, aiming to facilitate precise diagnostics, personalized treatment plans, and enhanced patient outcomes.

University of California - Davis
Graduate Student Researcher

Davis, CA, USA
August 2020 - June 2023

- Delved into the application of ML to IoT devices, human activity recognition, and healthcare systems
- Utilized ML algorithms to extract insights from datasets, leading to the development of the Walk4Me system, which integrates AI and healthcare for improved efficiency and accuracy for DMD, ALS, and Stroke patients.

University of California - Davis
Teaching Assistant

Davis, CA, USA
January 2016 - June 2023

- Mentoring, guiding, and advising 53 teams to successfully complete their projects in the senior design course
- In addition, helped with interactive grading teams and checked 520 clients' proposals.

Symantec
Software Developer (Intern)

Mountain View, CA, USA
June 2017 - September 2017

- Build a real-time large scale system for data gathering and analysis within time and space constraints
- Model cross-layer network outages based on active and passive measurements
- Using a combination of third party datasets, Internet registrar repositories (such as IANA) and DNS logs (Norton DNS)
- Developed a live measurement platform that can help monitor network-based services (such as domains and endpoints)
- This, in turn, helps create baselines for normal/expected behavior that can then be used for real-time anomaly/outage detection applications in aggregation risk assessment and real-time alert generation which is useful for the CyberCube and other Symantec products.

HLC Co.
Computer Engineer

Tripoli, Libya
July 2013 - October 2014

- Developed and enhanced billing system using Oracle database. Generated report statistics for informed decision-making. Collaborated with cross-functional teams to optimize system operations.
- Ensured billing system accuracy and efficiency through programming and system analysis. Maintained integrity and security of critical data.

Attatweer IT & Communications. Ltd Co.
Founder

Tripoli, Libya
May 2012 - October 2014

- Established and managed Attatweer IT & Communications Ltd Co., leading diverse projects for clients including Mellitah Oil & Gas Co., International Excellence Co., Ministry of Interior, Ministry of Economy, and the Interim Government
- Provided innovative solutions in document management, archiving, training center operations, membership management, recruitment, and automated issuance systems for official documents.

Aljeel Aljadeed Technology Co.
Internet Services Engineer

Tripoli, Libya
January 2011 - May 2012

- As a member in core network engineer in the team of Next Generation Network (NGN) project, my responsibility was to following, configuring and troubleshooting the DNS and AAA.

Aljeel Aljadeed Technology Co.
IP/MPLS Core Network Engineer

Tripoli, Libya
May 2010 - January 2011

- As a member in core network engineer in the team of Next Generation Network (NGN) project that aim to build the new telecommunication infrastructure for the whole country, my responsibility was to follow, verify, feedback about the electronic topology of the optical fibers (HLD and LLD).

SKILLS

Skills: AWS, HTML/CSS, Java, C/C++, PHP, Python, MySQL, Tensorflow, React.js, Node.js, JavaScript

To check my detailed resume: <https://albara.ramli.net/resume.pdf>