

Adnan Hashem Mohamed



Personal Information

- **Mobile:** (+973) 33286333
- **Email:** adnan.hashem.bh@gmail.com
- **LinkedIn:** www.linkedin.com/in/adnan-h-mohamed
- **Website:** <https://adnanmohamed.github.io/>

Experience

- ❑ **Software Development Intern @ European Organization for Nuclear Research (CERN) (Jun-Aug 2023)**
 - Developed & tested parts of the software to control & configure the front-end chips in the Endcap Timing Layer (ETL), which is part of the MIP Timing Detector in the CMS experiment.
 - Participated in the lecture program and workshops as part of the CERN Summer Student Program.
- ❑ **Math Tutor @ American University of Bahrain (Sep 2022 - Present)**
 - Provided 1-to-1 tutoring sessions in various math courses (e.g. Calculus, Discrete Math, Probability & Statistics)
- ❑ **Digital Systems Teaching Assistant @ American University of Bahrain (Sep-Dec 2022)**
 - Lead lab sessions for this course.
 - Assisted in grading assignments & lab exercises and provided feedback.
- ❑ **Software Development Intern @ VirtuThinko (Jun-Sep 2021)**
 - Design, document and implement a voting application for the company.
 - Write articles about the security services provided by the company (for marketing purposes)
- ❑ **Desktop Support @ Kent State University (Jan-Jun 2020)**
 - Helped making a successful transition to online work and learning during COVID-19.
 - Helped many users with issues related to Office 365 suite application on campus and online.
 - Worked on backing up and restoring workstations.
- ❑ **Food Service Agent @ Kent State University (Sep-Nov 2019)**

Education

- ❑ **B. Sc. Computer Science** – American University of Bahrain, **3.90/4.00** (2021- in progress)
- ❑ **B. Sc. Computer Science** - Kent State University, **3.97/4.00** (2019- 2020) (Transferred)
- ❑ **Secondary School (Science & Math)** - Al Naim High School, **97.90%**. (2016-2018)

Certificates

- ❑ **Databases** offered by Stanford Online via edx.org
 - I. Relational Databases & SQL – Apr 2023
 - II. Modeling and Theory – Mar 2023
- ❑ **Machine Learning Specialization** offered by DeepLearning.AI & Stanford Online
 - I. Unsupervised Learning, Recommenders, Reinforcement Learning – Aug 2022
 - II. Advanced Learning Algorithms – Jul 2022
 - III. Supervised Machine Learning: Regression and Classification – Jun 2022
- ❑ **MATLAB Fundamentals** – October 2022
- ❑ **AWS Certified Cloud Practitioner** – August 2020
- ❑ **Juniper Networks Certified Associate (JNCIA - SEC)** – August 2020
- ❑ **Juniper Networks Certified Associate Junos (JNCIA - Junos)** – July 2020
- ❑ **Cisco Certified Network Associate (CCNA)** – July 2020
- ❑ **CMI Level 3 Certificate in First Line Management** – 2019

Achievements

- ❑ **1st place** in **MISTI Global Teaching Lab** Robot Competition.
- ❑ **2nd place** in INNOV8 Hackathon
- ❑ One of 60 candidates in the **Crown Prince International Scholarship Program (CPISP)** (2018/2019)

Skills

- ❑ **Front-end development:** HTML, Bootstrap, React, JavaScript/jQuery
- ❑ **Back-end development:** C#, ASP.NET CORE, Node.js/Express.js
- ❑ **Design and implementation of relational/non-relational databases:** MSSQL, MySQL, MongoDB.
- ❑ **Algorithms / Data Structures:** C++, Java, Python
- ❑ **Mobile Development:** Swift/SwiftUI.
- ❑ **Computer Networks:** OSI layers, TCP/IP model (CCNA certified)
- ❑ **Network Security:** Security policies, IPsec VPNs (JNCIA-SEC and CCNA certified)
- ❑ **Operating Systems:** OS concepts and principles
- ❑ **Linux:** Basic command-line experience

❑ **Version Control:** Git, GitHub