Haydar Alaeddine

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EDUCATION

- **American University of Beirut – Lebanon** September 2016-
  - Bachelor of Engineering in **Computer and Communications Engineering**
  - Cumulative GPA: **3.54**
  - Relevant Coursework:

    Data Structures and Algorithms, Design and Analysis of Algorithms, Web Services in the Cloud, Object-Oriented Programming, Logic Verification and Synthesis, Software Testing, Software Tools Lab, Computer Networks, Computer Organization I

SKILLS

- **Programming:**
  - **Languages:** Java, C, C++, C#, SQL, VHDL, MIPS.
  - **In-Depth Knowledge of Object-Oriented Programming Principles and Design Patterns.**
  - **Competitive Programming.**
  - **Team Environments:** Git, GitHub, Microsoft DevOps.
  - **Web Services:** Microsoft Azure, AWS.
  - **Frameworks, Platforms and Libraries:** .Net core, Microsoft Orleans, SignalR, Polly, Qt, JavaFX.
  - **Mobile Development:** Basic Android Development.
  - **Basic Knowledge:** Kotlin, Python, JavaScript, HTML, CSS.
- **Language and Communication:**
  - Fluent in English, French and Arabic.
  - Acknowledged for Leadership and Communication Skills.

WORK EXPERIENCE & PROJECTS

- **Backend Chat Service Development** Fall 2018
  - Developed an ASP.NET Core MVC Chat Application with RESTful API
  - Developed backend using Azure Table and DocumentDB for Chat Application
  - Fully tested the services (unit and integration)
  - Built CI/CD pipelines
- **IOT Car Sensor, Car manufacturer.** Spring 2018
  - Developed IOT car sensors using web sockets in Java.
- **Teaching Programming Game.** Fall 2018
  - Developed a game that aims to teach programming to beginners using Qt framework.
- **Teacher Assistant** Fall 2018
  - Assisted Professor Fadi Zaraket in Data Structures and Algorithms course
- **Software Lab Assistant** Fall 2018
  - Software Lab Assistant in Data Structures and Algorithms course
- **Tutor –** Beirut, Lebanon July 2017-
  - Helped students excel in the following courses: Introduction to Programming, Data Structures and Algorithms, Linear Algebra I, Electric Circuits.