

Manar Shawkey  
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## Education

Bachelor of Computer Science, The American University in Cairo, Cairo  
[September 2015 – May 2020](#)

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## Work Experience

Undergraduate Teaching Assistant at The American University in Cairo ([Feb 2017 – May 2017](#))

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## Course Work includes:

- Data Structures and Algorithms
  - Design and Analysis of Algorithms
  - Concepts of Programming Languages
  - Software Engineering
  - Advanced Programming in Java
  - Computer Architecture
  - Fundamentals of Database Systems
  - Computer Organization and Assembly Language
  - Discrete Mathematics – Probability & Statistics – Graph Theory
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## Programming Languages:

(C++ - Java – SQL – PHP)

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## Skills:

- Problem solving, Knowledge of Complexity Analysis
  - Knowledge of Data Structures and Algorithms
  - Database Design and Backend Development
  - Familiarity with Exceptions, Inheritance and Threads
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## Competitive Programming:

- Hajj Hackathon in Jeddah Saudi Arabia (1-3 Aug 2018)
  - Google Hash Code 2015 – CodeChef Snack down (2017 – 2018)
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## Languages:

- Arabic (native speaker) – English (proficient in speaking and writing)
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## Projects:

<https://github.com/manarshawkey> : including a smart wallet mobile application (HajjWallet)