

## Khaled Ras Guerriche

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GitHub: <https://github.com/Khaled-Pr>

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### EDUCATION

Bachelor of Science in **Computer Engineering**, Minor in **Mathematics**      **University of Arkansas - Fayetteville**  
**Expected graduation date: May 2022**

**Relevant Coursework:** Digital Design, Computer Organization, Programming Paradigms, System Synthesis and Modeling, Circuits/Electronics, Computer Architecture, Software Engineering, Engineering Probability and Statistics, Introduction to IC Design, Embedded Systems.

**Technical Skills:** JAVA, C++, JavaScript, Python, SQL, VHDL/Verilog.

**Languages:**                                      **Arabic – English – French.**

### Project Experiences:

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*CSCE 3193, Programming Paradigms (Spring 2020)*

- Built a 2D Mario Game using three different programming languages:
  - ✓ **Java** <https://github.com/Khaled-Pr/2D-Mario-game-prototype-in-JAVA>
  - ✓ **JavaScript** <https://github.com/Khaled-Pr/-Khaled-Pr-2D-Mario-game-prototype-in-JavaScript>
  - ✓ **Python** <https://github.com/Khaled-Pr/2D-Mario-game-prototype-in-Python>

*CSCE 3953, System Synthesis (Fall 2020)*

- **Group Project:** Built a client/server retail application. The users will be a manager, a general manager, and cashiers. Where the managers will be able to add/remove products and employees. The cashiers will be able only to see the products and process the transactions.  
**Link:** <https://bluedreamteamapp.herokuapp.com/>

*CSCE 3513, Software Engineering (Spring 2021)*

- Using **Verilog:**
  - ✓ Designed a simple microcontroller to perform basic low-level instructions.
  - ✓ Designed a combinational design that Counts the number of ones in a parallel 8-bit input.
  - ✓ Designed a BCD counter.

*Personal Projects (Summer 2020)*

- Used JavaScript/HTML to build a 2D Tennis Game.
- Used JavaScript/HTML to build a Grade Calculator.
- Used JavaScript/HTML to build a personal website.

### AWARDS, ASSOCIATIONS, & ACTIVITIES

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- Participated in World of Walmart Bootcamp 2021 (April 19<sup>th</sup> – May 20<sup>th</sup>).
- NWACC Dean's list Spring & Fall, 2018 and 2019.
- Part of the honor program NWACC, 2019.
- Part of the Phi Theta Kappa honor society.
- Leading Voluntary activities at ICNWA.