Babiker Babiker

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EDUCATION

California State University, Fullerton   Fullerton, CA
Bachelor of Science B.S. Computer Science   *May 2026*
- Coursework: Compilers & Languages, File Structure & Database, Software Engineering, Mathematical Structures I

El Camino College   Torrance, CA
Computer Science Certificate of Achievement   *June 2024*
- Coursework: C++ Programming, Data Structures, Obj. Oriented Design, Java Programming, Advanced C++

SKILLS

Programming Languages & Technologies: C++, Java, SQL, HTML, CSS, Bootstrap, Python
Software Development & Tools: Linux, Windows 10/11, macOS, Git, GitHub, Firebase, Google Analytics, DNS
Languages & Soft Skills: English, Arabic, Spanish, Time Management, Leadership, Communication, Adaptability

EXPERIENCE

Headstarter AI   Long Island City, NY (Remote)
Software Engineering Fellow   *Jul. 2024 – Sept. 2024*
- Participated in 5 AI projects and 5 hackathons during the 7-week fellowship.
- Collaborated with a team post week 2 to produce 3 AI motivated projects.
- Coached by engineers from Amazon, Bloomberg, and Capital One, learning from their success and expertise.
- Refined interview techniques through mock interviews in python data structures and gained constructive feedback.

Masjid Faatimah Az Zahra   Hawthorne, CA
Teacher's Assistant   *Mar. 2023 – Aug. 2023*
- Assisted in teaching religious studies and Quran classes to children K-12.
- Helped in organizing educational events and activities such as group lessons and Friday Prayer.
- Provided support in classroom management and lesson preparation for 50 students.
- Facilitated group discussions and supported students with their learning needs.

PROJECTS

FinanceFirst   *C++, SQLite 3, CMake, GTK3*
Lead Developer | bbabiker.com
- Developed a UI-based banking application with features for depositing, withdrawing, and sending money.
- Utilized SQLite 3 database for secure and efficient user information storage.
- Designed a user-friendly interface and implemented authentication to ensure secure transactions.
- Conducted thorough testing and integrated error handling to maintain data integrity and reliability.

IceMan   *C++, OpenGL, OOP, GUI*
Co-Developer | bbabiker.com
- Developed an interactive game using OpenGL focused on oil mining as the primary objective.
- Collaborated effectively in a team of two [5-month span], utilizing version control through GitHub Desktop.
- Implemented core gameplay mechanics, including user interactions and visual elements.
- Conducted thorough testing and debugging to ensure the game's functionality and performance.

Currency X Change   *Java, API, VS Code, GitHub*
Lead Developer | bbabiker.com
- Created a currency converter app supporting over 150 currencies with an easy-to-use interface.
- Enabled multiple currency conversions simultaneously for efficient financial management.
- Integrated a comprehensive list of supported currencies for straightforward selection.
- Utilized a reliable API to fetch real-time exchange rates for accurate conversions.