

Abanob Ayoub

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EDUCATION

California State Polytechnic University | Pomona, California Dec 2023
Bachelor of Science in Computer Science

Pasadena City College | Pasadena, California Dec 2022
Associate of Arts in Engineering and Technology

Pasadena City College | Pasadena, California Feb 2022
CRLA Tutoring Certification

PROFESSIONAL EXPERIENCE

Math Tutor

Pasadena City College STEM Center | Pasadena, CA

- Helping college students in one-to-one sessions and in groups.
- Tutoring variuos levels from Intermediate Algebra to Linear Algebra.
- Supporting students to develop their critical thinking strategies.
- Communicating with various students from several backgrounds.
- simplifying complex theories to help students acquire a deeper understanding of the curriculum.

Freelance Web Developer

- Developing and maintaining backend services and applications using C#, .NET, Java, and Spring Boot.
- Designing and implementing database schemas and optimizing queries in MySQL to support application functionality and performance.
- Building RESTful APIs to enable seamless integration between frontend and backend systems.
- Utilizing modeling technologies and frameworks to create robust, scalable, and maintainable backend architectures.
- Using version control systems (e.g., Git) to manage source code and ensure collaborative development.

PROJECTS

AFK AUTO

Car Dealership Web APP | Role: Back-End Developer

- Creating the backend system from scratch using Spring Boot.
- Integrating and connecting various subsystems.
- Designing and implementing the system's relational database.
- Configuring routing and dependencies for backend tables.
- Utilizing JSON expressions during the testing phase.
- Collaborating with team members on the deployment process.
- Maintaining and ensuring the reliability and workflow of the system.

Tech: Java, Spring Boot, UML, JSON, AWS, JUnit, REST APIs, Postman, GitHub

Pokédex APP

Pokémon Database Windows APP | Role: Front-End Developer

- Create the home page UI from scratch using JavaFX.
- Use CSS for styling purposes.
- Apply UI/UX roles to deliver a consistent, and user-friendly app.
- Collaborate with my teammates on creating the Pokemon pages.
- Use Adobe Photoshop to add professional touches.
- Use GitHub and GitBash to manages the work and tasks between the team.

Tech: JavaFX, VSCode, CSS, GitHub, Adobe Photoshop

SKILLS AND INTERESTS

Skills: Java, C++, C#, JavaFX, MySQL, HTML, CSS, AWS, Docker, Postman, Microsoft Office

Technologies: Spring Boot, .Net, REST API, GitHub, Unit Testing, UI/UX

Interests: Photography, Cycling, Problem Solving, Machine Learning