Ahmed Najiub

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EDUCATION

Pepperdine University   **August 2019 - April 2023 (Expected)**
Bachelor of Science in Computer Science   **Malibu, CA**

- **Honors**: Blanche E. Seaver Scholar, Presidential member of the National Society of Leadership and Success
- **Relevant Coursework**: Object Oriented Programming with C++; Data Structures in C++; Computer Systems in Java, AS5, ISA3; Programming Paradigms in C++ and Java; Computer Organization and design in microcode; Computer Networks; Machine Learning in Python

WORK EXPERIENCE

Pepperdine University   **September 2022 - Present**
Application Development Intern   **Malibu, CA**

- Worked on a Multi-Phase Project thorough GitHub and Asana while under the mentorship of a Senior Software Engineer and collaborating with other interns
- Attended Training for ASP.NET MVC, SQL, and Security to understand critical application vulnerabilities and safeguards
- Updated and managed the University Repository Database App, Bonobo Git Server, and added CRUD operations using Entity Framework to add tracking for Service Accounts and Dependencies
- Modernized the Bonobo Interface by implementing frontend changes that matched best practices

IpserLab   **July 2022 - Present**
Software Engineering Intern   **Remote**

- Working on company website modernization using React Js, HTML, CSS/Sass, and JavaScript following Agile methodology
- Maintained the company's website as part of the frontend team

Arab Contractors   **May 2018 - June 2018**
Software Engineering Intern   **Cairo, Egypt**

- Shadowed a Senior Software Engineer to understand engineering best practices, architecture design considerations and more
- Implemented Python programs to help the company automate its salary calculations based on title, working hours, and etc

ACADEMIC PROJECTS

Chess Project

- Developed an end to end fully functional Android Chess application while handling version control using GitHub
- Stored data using SQL database and used data structures to handle game functionality like move history

Campus VR Tour

- Captured multiple 3D photos in various locations around campus, and combined the photos together using Unity to create a VR tour of key locations at Pepperdine with a group of 6 within the computer science club

React Web Portfolio

- Designed a Portfolio website to display my Education, Experience, and Projects used as a reference to teach the computer science club members using React Js, HTML, JavaScript, and CSS

LEADERSHIP EXPERIENCE

Computer Science Club, Pepperdine University   **August 2021 - Present**
President

- Teaching Frontend development using the React Framework to a class of up to 20 fellow Pepperdine Students
- Introduced AI content to the club as well as fundamentals of backend development to diversify club contents
- Managed the club's activities during meetings ensuring a synergistic win-win culture between the 70 active members

Digital Leadership Academy, Cognizant   **May 2022**

- Learned about how Cognizant collaborates with the Aston Martin Formula 1 team by supporting them with Cloud, AI, Data, Analytics, and IOT while practicing the Agile methodology during software development through scrum,

TECHNICAL SKILLS

Programming Languages: SQL, C, C++ , Java, Python, Kotlin, JavaScript, CSS/Sass, HTML, Prolog, Assembly Language, React Js, ASP.NET MVC, and Scheme
Tools: Agile Methodology, Scrum, Jira Board, Asana, Microsoft Office, GitHub, Code pen, Dr Racket, VS code, and Gprolog