

Ahmed Najiub

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EDUCATION

University of California, Irvine

September 2023 - December 2024 (Expected)

Master of Software Engineering

Irvine, CA

- California Resident Fellowship recipient for academic and professional achievement

Pepperdine University

August 2019 - April 2023

Bachelor of Science in Computer Science

Malibu, CA

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

TECHNICAL SKILLS

Programming Languages and Libraries: ASP.NET MVC, React JS, SQL, C#, JavaScript, CSS/SASS, HTML, JQuery, Python, C++, Java, Kotlin

Tools: Visual Studio, GitHub, Agile Methodology, Jira Board, Asana, Scrum, Entity Framework, Dr Racket, VS Code, and Gprolog

WORK EXPERIENCE

Pepperdine University

September 2022 – May 2023

Application Development Intern

Malibu, CA

- Enhanced ASP.NET MVC University Repository Database App, [Bonobo Git Server](#), for the Pepperdine IT department
- Integrated CRUD operations using Entity Framework for Service Accounts and Dependencies
- Streamlined repository functionality by architecting a database redesign that seamlessly integrated Service Accounts and dependencies, enhancing application efficiency and user experience
- Revamped Controllers, introduced new models/views for streamlined data presentation and storage, and modernized the Bonobo Interface, garnering positive feedback from Pepperdine Developers.
- [Collaborated](#) on a Multi-Phase Project via [GitHub](#), Asana, and code reviews with Senior Software Engineer mentorship
- Addressed potential application vulnerability issues such as SQL injections through proactive training in ASP.NET MVC, SQL, and Security protocols.

IpserLab

July 2022 – September 2022

Software Engineering Intern

Remote

- Led frontend redesign for a dynamic startup's website, employing React JS, HTML, CSS/Sass, and JavaScript to enhance user engagement
- Participated in comprehensive training on innovation and critical thinking, enhancing problem-solving abilities in a fast-paced startup environment
- Utilized Agile methodologies and Jira boards for efficient project management in a remote work environment
- Transformed website aesthetics with a designer-provided photo, achieving a modern and engaging design

PROJECTS

[PepperPlan](#)

September 2022 – May 2023

- Led a 7-member team in designing and developing the Full-Stack ASP.NET MVC Web Application, PepperPlan
- Initiated an innovative app enabling students to generate a personalized 4-year plan by creating a user friendly interface
- Collaborated with Pepperdine's IT department to compile major-specific requirements and course data for the project through the initialization of a Course/Prerequisite database for the user to effectively edit his plan while checking for prerequisites

[React Web Portfolio](#)

September 2021 – Present

- Designed and developed a React-based portfolio website hosted on Firebase, showcasing education, experience, and projects
- Used the site as a teaching tool for Computer Science Club members to build their own portfolios

[Kotlin Games](#)

August 2020 – May 2021

- Collaboratively developed a range of interactive games, including classics like Connect 4 and educational tools such as a Chess Dictionary, fostering creativity and problem-solving skills.
- Demonstrated programming and design proficiency by creating a challenging Memory Game.

- Contributed to the development of a complex chess game, delving into the intricacies of game development and further honing Kotlin programming expertise.

LEADERSHIP EXPERIENCE

Computer Science Club, Pepperdine University

August 2021 – May 2023

President

- Conducted weekly React.js workshops for up to 20 fellow Pepperdine students, focusing on frontend development.
- Diversified club content by introducing AI concepts and fundamental backend development, enhancing the club's learning scope.
- Supervised team projects aimed at enhancing campus life through technology, resulting in applications like PepperPlan and PepperMaps, effectively addressing students' campus needs.
- Facilitated effective collaboration and code contribution by grouping members into teams and utilizing collaboration tools such as Asana and GitHub.
- Co-initiated the Wavenet Student Committee with the Development team, empowering students to provide feedback and contribute to the school website.
- Orchestrated a successful Coding Competition, motivating Computer Science students to dedicate time to interview preparation and skill enhancement.
- Implemented strategic marketing initiatives, including event participation and poster campaigns, resulting in a remarkable 150% increase in club membership.