

Pedro Navarrete

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PROFESSIONAL EXPERIENCE

UNIVERSITY OF CENTRAL ARKANSAS

Conway, AR

Graduate Teaching Assistant

AUG 2023-Present

- Provided hands-on guidance on a C and C++ course for 74 undergraduate students, focusing on foundational concepts from problem-solving techniques to memory allocation, pointers and basic data structures.

GAINWELL TECHNOLOGIES

Trenton, NJ

Software Engineer contractor

MAY 2023-AUG 2023

- Designed and implemented Kore AI Natural Language Processing (NLP) to streamline internal communication at Gainwell, enhancing workflows; models are now used by 250+ commercial clients.
- Led the end-to-end deployment of NLP models as chatbots and voice assistants on AWS EC2 instances using ReactJS, TypeScript, NodeJS, Smart Assist, and Microsoft Speech Studio, optimizing user interaction for over 11k employees.
- Developed extensive-scale APIs using C# .NET framework, bridging the communication gap between Medicaid information on Microsoft SQL databases and its 3.5M+ providers.

APPLE INC.

Remote

Frontend Engineer contractor via Intelliswift

FEB 2022-JUL 2022

- Utilized JavaScript, ReactJS, Redux and D3JS to create interfaces served to over 30 million users at the App Store Connect' App Analytics site.
- Collaborated with 2 senior team members to implement React Suspense, optimizing rendering by 40%.
- Developed internationalized components to deliver localized app analytics in 175 regions and 40 languages.

NBCUNIVERSAL

Remote

Software Engineer contractor via iDoAgency

SEP 2021-JUL 2022

- Utilized ReactJS, NodeJS, and AWS Lambda, to maintain and support the IdentitySDK, an SDK used by NBCUniversal and its subsidiaries to authenticate its over 150 million end-users.
- Re-architected, and implemented the NBCUniversal Account Center, an application for end-users to manage their user profiles and email subscriptions using NextJS, Typescript, NodeJS, Express, AWS Lambda, and CircleCI.

HARDING UNIVERSITY

Searcy, AR

Software Engineer Student Worker

JAN 2020-MAY 2021

- Designed and implemented Brackett Library's room signage, a web app integrated with google calendar to present room reservations, using ReactJS and NodeJS.
- Redesigned the Bison Index Database and migrated from OracleDB to MySQL.
- Designed and implemented a search app for Harding's Newspaper using ReactJS, NodeJS, GraphQL and Elasticsearch.

EDUCATION

UNIVERSITY OF CENTRAL ARKANSAS

Conway, AR

Master of Science in Computer Science with 4.0 GPA

AUG 2022- May 2024

HARDING UNIVERSITY

Searcy, AR

Bachelor of Science, Major in Computer Science; Minor in Mathematics with 3.9 GPA

AUG 2017-May 2021

ADDITIONAL INFORMATION

- Technical Skills: C, C++, C#, JavaScript, Typescript, ReactJS, NodeJS, .Net Framework, SQL, CI/CD, AWS
- Languages: Fluent in English and Spanish (native)
- Awards: Floyd Tesmer / Strayer Prize, won nationwide research competition out of 200+ participants (2021)