Alan J. Torres

Fayetteville, AR, USA

(479) 856.3570 | ajtorres729@gmail.com | alantorres.dev

EDUCATION

University of Arkansas – College of Engineering *Bachelor of Science in Computer Science*   May 2022 ▪ *GPA 3.5/4.00*

EXPERIENCE

Oracle Cerner – Transforming healthcare by providing a new generation of modern, secure healthcare information systems
Software Engineer | June 2022 – Current
- Write code, test and debug new software created in the Edge Innovations team.
- Make enhancements to existing software from clear requirements.
- Participate in code reviews and identify basic issues or deviations from best practices.
- Develop knowledge of assigned solutions, technologies, development processes and ecosystems.

Cerner Corporation – American supplier of health information technology (HIT) services, devices, and hardware
Software Engineering Intern | May 2021 – July 2021
- Designed and developed a database using Ruby on Rails to keep track of errors from AWS and its relation to a JIRA ticket.
- Redesigned an automatic JIRA logger to include MySQL database checking, updating, and inserting using the JIRA REST API.
- Implemented Ruby on Rails Models for the newly created JIRA database.
- Maintained code quality by utilizing Rspec, a behavior-driven development framework.

Alexis Information Systems – Digital product agency offering custom software, web development and technology services
Web Development Intern | January 2021 – May 2021
- Performed front-end development for multiple websites from a wide variety of clients across NWA.
- Upkept websites through monthly inventories for any necessary changes that must be done and have been done.

University of Arkansas – Flagship campus of the University of Arkansas System and the largest university in Arkansas
C++ Teaching Assistant | January 2021 – May 2021
Student Success Center Intern | January 2021 – May 2021
Honors Research Technical Assistant | January 2021 – May 2021

PROJECTS

Senior Capstone Project | *MAGIC Toolkit and Application For the Elderly* | August 2021 - May 2022
- Mobile application built by utilizing React Native with Expo.
- Built an application that assists the elderly in location appropriate, safe, and reliable transportation services in the area.
- Database created using PostgreSQL to handle user information and requests for transportation from passenger to driver.

Information Retrieval Final Project | *Toogle* | August 2021 - December 2021
- Website search engine built using PHP/CSS in cooperation with Python backend.
- Built a website that uses PHP to run search commands on an Apache server.
- Tokenizes a large set of files and creates a fixed-length inverted file used in the search engine to find matches to queries.

DBMS Final Project | January 2021 - May 2021
- Website built using PHP/CSS in cooperation with a Python script and MySQL backend.
- Built a website that uses PHP to run database commands on an Apache server holding MySQL database.

AlanTorres.dev | December 2021
- Designed, developed, and deployed a personal website to hold contact information and showcase myself as a developer.
- Built using React, CSS, and GitHub Pages

TECHNICAL SKILLS

Languages: C++, Python, Ruby, JavaScript, Java
Frameworks/Other: React, MySQL, React Native w/ Expo, Git, JIRA, Linux, macOS, Windows, AWS