Parsa Jahanlou

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Education

Louisiana Tech University Ruston, LA
BS Computer Science, Minor in Math, GPA: 3.7 Sep 2017 - May 2022

Skills

Programming Languages:	JavaScript, Java, Python, PHP
Frameworks:	React, Node, Express, Django
Databases:	PostgreSQL, MySQL, MongoDB

Relevant Experience

Junior Web Developer Ruston, LA
Louisiana Tech University Sep 2020 - Present

- Enhancing the application process for 2000+ prospective students by developing the new College of Admissions website using PHP and React
- Optimizing major selection for prospective students by building a search engine for 100+ programs offered at Louisiana Tech University using catalog API and PHP
- Providing a more user-friendly interface by maintaining the webpages of 7 colleges daily

Application Developer Remote
NanoHydroChem Aug 2020 - Present

- Creating an easier interface to graph and compare the attributes of 100+ battery samples by building the frontend using HTML, CSS, JavaScript, and Plotly
- Ensuring low latency SQL queries, and backend performance by developing a scalable backend using PHP and MySQL
- Implemented a visual presentation of the database by designing an Entity-Relationship model by analyzing 10+ sample spreadsheets

Data Structures and Algorithms Teaching Assistant Ruston, LA
Louisiana Tech University Dec 2020 - Feb 2021

- Instructed 20+ students on data structures and algorithm concepts: trees, linked lists, sorting algorithms, etc. by using Java programming
- Advised more adequate coding solutions and commenting etiquette by providing weekly feedback on 10+ Java programs and assignments
- Directed and taught lecture material outside-of-classroom by holding office hours

Personal Projects

Personal Website vynleran.github.io/Personal-Website/ HTML **|** CSS **|** JavaScript **|** PHP
Created a responsive personal website to showcase my HTML, CSS, JS, and PHP skills.

Library Management System Java
Built an application with Java, where multiple data structures were used to maximize efficiency.

Architecture Calculator/Converter Python
Designed a calculator/converter with Python for an architect to improve work efficiency.