

Zak Pruitt

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Objective Statement

An honors student with a record of academic and extracurricular success currently pursuing a software engineering internship, laying solid groundwork for an eventual professional career in software engineering.

Experience

Windstream • Software Engineering Intern • 06/2020 - 08/2020

- Developed REST APIs with Node.js and Python3
- Engineered a web application with Express.js, MongoDB, and Docker
- Analyzed data retrieved through writing Oracle SQL queries

Computer Science Tutor • Private Tutor • 01/2020 - Present

- Tutored programming-based classes, such as Intro to OOP and Advanced OOP
- Tutored math and logic-based classes, such as Discrete Structures and Digital Logic

Projects

Password Service (Node.js) • 06/20/2020 - 07/28/2020

- A password website that makes API calls to perform CRUD operations on passwords from a mongo database
- Real-time encrypts and decrypts each password, respectively
- Equipped with a dex authentication service and a docker container

Sorting Visualizer (Python) • 6/17/2020 - 6/30/2020

- Visualizes common algorithms with a GUI, such as Bubble Sort, Merge Sort, and Quick Sort
- User can manipulate population size, boundary size, sort speed, and sorting method in real-time

Skills

- Skilled with Python3, Node.js, C#, and MongoDB
- Advanced problem-solving skills
- Familiar with Docker, Oracle SQL, Git, and Agile
- Expert communicator

Education

Expected Graduation Date: May 2022 • GPA: 3.9/4.0

University of Southern Indiana, Evansville, Indiana - *Bachelors of Science in Computer Science*

Relevant Coursework:

- Introduction to Object-Oriented Programming
- Advanced Object-Oriented Programming
- Discrete Math & Structures
- Analysis of Algorithms and Data Structures
- Digital Logic
- Microcomputer Engineering