

Justin Hurst

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PROFESSIONAL EXPERIENCE

Eagle6

August 2021 – Present

Software Engineer

- Consistently met or exceeded weekly sprint requirements and presented work on a per sprint basis in an Agile software development lifecycle
- Suggested and implemented an overhaul of an existing feature that led to a 90% reduction in load time
- Reviewed and implemented scientific research papers to assist my team in machine learning projects
- Benchmarked and optimized stored procedures in MySQL database to increase performance
- Developed new REST endpoints using Java with Spring

Indiana University Southeast

June 2021 – December 2021

Computer Science Tutor

- Explained Computer Science concepts such as data structures, algorithms, and object-oriented design to students

FedEx Ground

Nov 2016 – July 2020

Human Resources – Operations Administrator

- Led orientations for new hires, presenting company policies in a classroom setting
- Reviewed applications and conducted interviews for potential new hires
- Communicated staffing analytics with district and senior manager on a weekly basis

EDUCATION

Indiana University Southeast

New Albany, IN

Bachelor of Science in Computer Science

May 2022

- Major GPA: 3.51
- Recipient of the Outstanding Student Award in Computer Science – Information Systems

PROJECTS

CS-Labs

Summer 2021 – Spring 2022

- Worked as part of a team to make and deploy an application used by IU faculty to set up and provide VM labs to students as part of coursework
- Developed drag and drop GUI to create and connect virtual machines using React with Typescript and C#
- Assisted in the creation of a CI/CD pipeline

Elevation High Pointing Application

Summer 2021

- Designed, developed, and deployed a full stack web application using React, Flask, MongoDB, and Nginx on a Digital Ocean Droplet server

Artificial Intelligence Tic-Tac-Toe

Spring 2021

- Worked with a team to train and analyze machine learning models to integrate with a Dobot Magician, enabling it to play Tic-Tac-Toe
- Presented research at IUS Annual Student Conference

SKILLS

Programming Languages: Java, C#, C++, Python, JavaScript, TypeScript

Databases: SQL, MongoDB

Libraries/Tools: Git, React, Spring, Kafka, Jenkins, Docker, Jira