Jing Huang

(812) 955-1981 ◇ hyspoc@gmail.com ◇ hyspoc.com ◇ github.com/hyspoc ◇ linkedin.com/in/hyspoc

TECHNICAL SKILLS

Skills: Python, Java, Javascript, PHP, C/C++, SQL, Bash, HTML5, CSS3
Technologies: AWS (EC2, S3, RDS), GCP (Compute Engine, Kubernetes), Docker, DNS, Unix, Git
Databases: Oracle SQL, MySQL, PostgreSQL, MongoDB, Redis

EXPERIENCES

Indiana University   Jan 2020 - Present
Software Engineer - Enterprise HRMS Team

- Reduced test environment refresh preparation time by over 75% by implementing a Python service that identifies in-progress Application Designer projects
- Coordinated release for Job Framework Redesign project. Led development for automated file transmission from JDXpert using Bash and SFTP, saving University HR 100+ person-hours per year
- Developed tax processing SQR programs, saving University Payroll and Tax 200+ person-hours per year
- Maintained and developed new features for Talent Acquisition Management using Peoplesoft Search Framework and Application Designer, used by 60k+ users
- Customized Peoplesoft Benefits Enrollment program using Peoplecode, used by 50k+ users per year

Indiana University   Aug 2018 - Dec 2018
Assistant Instructor - Introduction to Programming (Java)

- Taught programming concepts and data structures such as OOP, recursion and Linked List
- Guided 25 students on implementing and debugging Java programs

PROJECTS

Sorting Algorithm Visualizer

- Built application for visualizing sorting algorithms using streamlit and matplotlib in Python
- Implemented Quick Sort, Merge Sort, Bubble Sort and Heap Sort

Event Management System - It's Happening!

- Built entire website for event hosting and reserving using PHP, Javascript, HTML5 and CSS3
- Hosted website on AWS EC2 and managed data on MySQL using AWS RDS
- Integrated various APIs into application: Google Maps, Paypal, Uber and OAuth 2.0

Open-Source Multi-Cloud Virtual Machine Management System - Cloudmesh

- Implemented AWS EC2 VM management API using Apache Libcloud in Python
- Implemented shell commands for VM management actions

EDUCATION

Indiana University, Bloomington, Indiana
  Master of Science in Computer Science   May 2019
  Bachelor of Science in Computer Science, *Dean's List, Aruna Mendhekar Scholarship*   May 2018

Courses: Data Structure, Algorithm, OOP, Database, Networks, Cloud Computing, Compilers