Jason Yu

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EDUCATION

Bachelor of Science in Computer Science | Minor in Business   Austin, TX | Graduating May 2024
University of Texas | 3.3 GPA

EXPERIENCE

ARISTOCRAT | Software Engineering / DevOps Intern   Austin, TX | August 2022 - Current

- Architect, build, advocate, and operate infrastructure solutions and tooling accelerating the company's goals for hybrid on-premises and public cloud deployments
- Used the Agile methodology to determine what features to build and what problems to prioritize
- Developed a web application to be used by the gaming dev team to monitor and automate Jenkins CI/CD pipeline. The application outputs annotated console logs, checksums, and reports which are inspected by regulatory bodies for approval.
- Utilized Python under the Django framework in conjunction with PostgreSQL in our project POC, later scaled up and rewritten using C and .NET framework.

VARSITY TUTORS | Java Programming Lecturer and Instructor   Houston, TX | May 2022 - Current

- Taught students fundamental computer science concepts including algorithm development, problem decomposition, abstraction of data, canonical data structures, and object-oriented programming through core Java.
- Helped students implement programs consisting of several programmer defined data types and several hundred lines of code employing non trivial algorithms.
- Guided students in personal one on one sessions as well as instructed medium to large capacity class sizes.
- Developed my own curriculum that taught students Java from the ground up with no coding experience required.
- Expanded communication and leadership skills through connecting with students, leading team building exercises, developing lesson plans, and communicating clear objectives and lectures.

KUNG FOOD ASIAN RESTAURANT | Kitchen Expeditor   Houston, TX | May 2020 – Aug 2020

- Organized inward flow of ticket orders and aided kitchen staff in organizing and prioritizing outgoing meals.
- Maintained quality control of food and ensured that it met restaurant visual standards as well as followed all food safety regulations.
- Managed inventory of incoming shipments, materials, and produce needed by the restaurant for the next day.

LEADERSHIP AND INVOLVEMENT

RELIGIOUS EDUCATION CENTER | Volunteer   Houston, TX | Mar 2019 – May 2019

- Gathered informational data from 150 students and optimized data for monthly reports.
- Utilized reports to suggest improvements in activities to increase student participation.

PROJECTS

ANDROID ISOTOPE APP ⬈   Java, Kotlin, Android Studios
School project developed using Android Studios that calculates isotope distributions and plots the mass spectrum. Researched and implemented BRAIN (Baffling Recursive Algorithm for Isotopic distributioN calculations) with a partner.

DYNAMIC SINGLE PAGE WEB APPLICATION ⬈   Python, Flask, SQL, ReactJS, CSS, HTML
Single-page web application that serves information about where users can find information about artwork and where to see them locally in their area. Built using a Python backend running on Flask framework, PostgreSQL for persistent data, and ReactJS for the dynamic frontend. Utilized APIs from Art Institute of Chicago, Google Maps, Youtube, and more.

SKILLS

Proficient Languages: Java
Familiar With: C, Python, SQL, HTML, CSS, Javascript
Technology: Git, PostgreSQL, Maven, Spring, Flask, Django, Hibernate, Docker, IntelliJ Idea, LaTeX, Linux, Windows