Steven Truong

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Summary

I am a 4th year student at University of California Irvine hoping to build up my experience for a career in technology. My interests include data analytics, information technology, development, along with other similar branches within the field. Throughout my years, I have dedicated substantial time to the work of computer tinkering and troubleshooting. These passion projects include repairing laptops/desktops, hackintosh, home servers, and assembling many computer systems for friends and family.

Languages

English — Native/Bilingual

Vietnamese — Native/Bilingual

Skills

Programming
Python, C++, C, Java, Javascript, Powershell, SQL, HTML

Troubleshooting
Strong experience in managing and navigating around software & hardware programs

Relevant Courses

Data Structures

Design and Analysis of Algorithms

Computational Photography and Computer Vision

Information Retrieval

Systems and Software Design

Database Development

Computer Networks

Game Engine Design and Development

Artificial Intelligence

Operating Systems

Computer Cybersecurity

Machine Learning / Data Mining

Human Computer Interaction

Education

University California Irvine, *B.S. Computer Science*
09/2021 – 06/2025
Dean's List Fall 2021, Winter 2022, Spring 2023

Savanna High School, *Highschool Diploma*
08/2016 – 05/2021

Professional Experience

Siegfried Irvine, *IT Intern*
03/2025 – present
- Assisted the IT Manager with all tasks around the site, from corporate projects to hardware and software support. Supported the site on my own when manager was out of office for long time frames.
- Worked with Microsoft Suite, Powershell, User Accounts, Tape Libraries, Network Switches, Vendor Relations, Inventory Management, etc.
- Overall gained meaningful hands-on experience in the field, building up practical IT skills in management and customer service.

Target, *Fulfillment Expert*
07/2022 – 07/2023
- Order processing and inventory management.
- Training and onboarding for new team members and task coverage for other team members.
- On-the-fly adapting to other roles throughout the store due to instability and lack of reliability of employees in retail.

Projects

Full-Stack AWS Database Website
01/2025 – 03/2025
- Class project creating an Apache website for storing and querying a large SQL database of movies
- Utilized Java to efficiently parse xml files of data, Java servlets for the backbone of the pages and functionality, Javascript to set dynamic web pages, Docker to create replicable containers used in Kubernetes/Load balancers, Google for the captcha utilized in the login function, and AWS to host everything on their various Virtual Machines.
- End result was a full front and backend website that had both user login for normal functionality as well as employee login for database access. Normal access allowed users to search from the large database of movies through pages, hyperlinks, and tags. Employee access allowed for adding movies to the database through a separate web page UI. The whole website was hosted on different AWS Virtual Machines utilizing scalable load clusters.

Database and Information Parsing
09/2023 – 12/2023
- Took in requirements and needs from UCI Department of Material Sciences and Engineering to develop a more efficient way to manage their teaching history records for their professors because they were retyping everything into a Word Document every time they needed to submit an audit.,
- Leveraged Django and HTML to create a backend and frontend for the database to store the necessary information as well as create website that was user-friendly for the professors. Also used ReportLab to create a robust automated PDF development script that strictly replicated the aesthetics of the document that professors were previously familiar with to allow for ease of readability.,
- End result was a full front and backend website that replaced the primitive old work flow with a website that allowed for inputting and storing data into user accounts such that professors would no longer have to redo everything but only update and export through the PDF script.

Search Engine Development
09/2023 – 12/2023
- Utilized web crawlers and indexing techniques to optimally take in website data and properly store them for querying.,
- Leveraged various tools such as Beautiful Soup and Porter Stemming to optimize the parsing of data from XML and HTML files to create a robust set of data that had relevant information while holding the most optimal amount of data for speed and data efficiency.,
- End result was a search engine that was able to efficiently parse through gigabytes of website files and return relevant links pertaining to users request.