Steven Truong

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Summary

I am a UCI graduate in Computer Science building up my career in technology. My interests include software development, data analytics, information technology, and other similar branches within the field. Throughout my years, I have dedicated substantial time to the work of technology tinkering and troubleshooting in both hardware and software. These passion projects include (but are not limited to) laptops/desktops, hackintosh, and home/cloud servers.

Languages

English — Native/Bilingual

Vietnamese — Native/Bilingual

Skills

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

Troubleshooting/Problem Solving
Strong experience in managing, solving, and navigating around software & hardware.

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
Specialization in Information

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

Professional Experience

Siegfried Irvine, *IT Intern*
03/2025 – present
- Assisted the IT Senior Manager with all tasks around the site, from corporate projects to hardware and software support.
- Worked with Active Directory, VMware, Microsoft Suite, RDP, Powershell, User Accounts, Tape Libraries, Network Switches, Vendor Relations, Device Management, etc.
- Built up practical skills and techniques in technology while supporting the site across all technology-related projects and troubleshooting efforts.

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 Java-backed website from the ground up to store and query a large MySQL database of movies and their data.
- 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.