

Alexander Wright

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Education/Credentials

Bachelor of Science in Computer Science, Western Governors University, 2021

Relevant Coursework: Software Engineering, Machine Learning, Data Structures & Algorithms I & II, Software I & II, Discrete Mathematics I & II, Advanced Data Management, Software Quality Assurance

CompTIA Project+

ITIL Foundation Certificate in IT Service Management

Google IT Support Specialization

Professional Experience

American Institute for Economic Research | Great Barrington, MA
Information Technology Intern | September 2021 - November 2021

- Compressed thousands of image and PDF files via Linux command line and Bash scripts in line with project requirements, leading to a 30% reduction in website storage needs
- Evaluated website frontend Javascript and CSS to highlight irregularities and implement corrective actions, leading to 10% reduction in unnecessary resource loading and 15 point improvement in lighthouse performance score
- Identified and detached several redundant and performance-heavy WordPress plugins by performing an in-depth evaluation of the PHP source code while reducing server response time
- Highlighted and deleted high-volume expired entries using SQL queries to optimize database performance
- Automated downloading for hundred of ICS files by performing web scraping via Python and Selenium browser automation, resulting in 10% reduction in man-hours for the organization
- Developed a frontend interface via Javascript and HTML to interact with US Census RESTful API and query desired datasets for the organization
- Planned and build a custom NTF smart contract on the Ethereum Blockchain with a frontend web-based interface in Vue.js to achieve set objectives in line with organizational SOPs and guidelines

Additional Experience

Watson's Regency | Night Auditor

Preparation of daily reports, attending guest queries, and answering high-volume calls

Oasis Market | Cashier

Processed several dozen credit card and cash transactions daily while unloading and stocking merchandise

Port O Call Hotel | Night Auditor

Daily reporting, phone call management, maintenance coordination, and workshop and pool cleaning, reduced reporting man hours by 5% by automating daily report creation through the utilization of Excel Macro

Core Competencies

.Net Framework, software development, process automation

Technical Skills

Programming Languages: Python, JavaScript, HTML, CSS, C#, C++, Java, Solidity | **Platform:** Node.js

Operating System: Windows, Linux | **Framework:** Vue.js | **Version Control:** Git | **Game Engine:** Unity, Godot

Automation: Selenium | **Database:** SQL, Firebase | **Tool:** Vite | **Microsoft Office Suite:** Word, Excel, PowerPoint, Outlook