Dominic Orsi

GitHub-DominicOrsi | LinkedIn-DominicOrsi | Dominicorsi.com

Education

GONZAGA UNIVERSITY | AUGUST 2020 – MAY 2024

- Bachelor of Science in Computer Science
- Concentration: Software Security, Software Development

Technical Proficiencies

- **Programming:** Python, C++, SQL, Bash, JavaScript
- **Tools:** Solaris, RHEL, Git, Docker, AWS EC2, Azure DevOps, Jira, Service Now
- **Networking:** Fiber Optic, TCP/IP Suite, OSI Model

Experience

ASSOCIATE SYSTEM ADMINISTRATOR | EXPEDITORS | OCTOBER 2024 – PRESENT

- Managed 3,500+ Unix servers, ensuring reliability and efficient resource allocation across our global infrastructure
- Performed system upgrades by adding storage, RAM, CPU, and swap space, improving machine efficiency and accommodating growing workloads.
- Diagnosed and troubleshooted system issues in a timely and efficient manner, minimizing downtime and ensuring continuous operations
- Developed automation solutions using Python, Bash, and Ansible playbooks, streamlining repetitive administrative tasks, freeing up valuable team time.

IT CUSTOMER SUPPORT | WASHINGTON STATE UNIVERSITY | MAY 2024 – SEPTEMBER 2024

- Provided IT support for 1,300+ students and faculty, ensuring smooth operation of hardware, software, and network resources in university labs and offices
- Managed and prioritized IT support tickets using Jira, escalating critical issues to maintain efficiency and streamline workflows
- Delivered phone and in-person support, guiding users through troubleshooting steps and documenting resolutions for future reference
- Assisted with system updates and software installations, ensuring compliance with university policies and security best practices

JUNIOR SYSTEM ADMINISTRATOR | GONZAGA UNIVERSITY | DECEMBER 2021 – MAY 2024

- Supported 500+ students and faculty with software and hardware in day-to-day operations and labs
- Constructed and deployed a custom Linux image that serves over 100 students in two classrooms
- Efficiently configured software and operating systems with automation
- Maintained and upgraded software and operating systems to ensure optimal performance and security

Projects

BOEING AI FILTER | SEPTEMBER 2023 – MAY 2024

- Coordinated with the sponsor, advisor, and team members, following Agile methodology, to schedule meetings and deliverables
- Led team through two-week Agile sprints, assigning and managing epics, assisting team members with technical challenges, and maintaining clear communication with the advisor, resulting in on-time project milestones and improved team collaboration
- Utilized AWS EC2 instances proficiently to efficiently train machine learning models within specified timeframes
- Developed proprietary AI leveraging NLTK libraries and Hugging Face model for advanced language processing capabilities, ensuring the protection of intellectual property
- Developed CI/CD pipeline to enable automatic testing of AI and components to ensure delivery of project goals

DOMINICORSI.COM | DECEMBER 2023 – JANURARY 2024 | PORTFOLIO-PAGE

- Conceptualized and developed a responsive portfolio webpage from scratch
- Implemented a mobile-first layout ensuring optimal performance and user experience across all devices
- Leveraged React.js, Typescript, and Tailwind CSS to create a dynamic page
- Automated deployment of new website versions to Firebase using GitHub Actions for continuous integration and delivery

Extracurricular

- Spokane Cyber Cup 2023 and 2024
- Gonzaga Hackathon 2021 and 2023