Chad J. Dupuis

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○ https://github.com/chaddupuis/

/Summary

Over 15 years of high visibility IT roles in higher ed/research environments (MIT, UMN, U Arizona, UC Santa Cruz, +). Over 10 years running a web development/IT Consulting business and providing the full DevOps and web development cycle for a widely read website. Strong interpersonal skills with a tech support history, well developed ability to discuss technical concepts with non-technical people. A strong appetite for continual learning with focused problem solving skills, reliability, and teamwork with consistent follow-through.

/Technologies (Well Rounded Linux Generalist with strong Python ML/Web and IaC)

🔖 **Programming Languages / Integrations:** Python and associated AI/ML and Web Development/Image Manipulation Libraries, Bash, PHP, Ruby, SQL, Javascript, HTML/CSS, PowerShell, 3rd party REST API integrations (JSON, +). Code samples @ (https://gist.github.com/chaddupuis).

🔖 **System Orchestration:** Chef, Ansible, Git/Github Actions, Terraform, Jenkins, Singularity, Docker, Podman, Kubernetes (k3s, tanzu), Slurm.

🔖 **Server / Client Systems / Cloud:** Vsphere/ESXi/Proxmox; Nearly all versions of Mac, Windows, Linux/BSD in both client and server roles; Small-scale GPU/HPC cluster configurations, Azure/AWS Hybrid cloud configurations (local and hw firewalls – fortinet, dns, ssh, csr/ssl configuration/automation, +).

🔖 **Web / Software Systems:** Django/Gunicorn, Rails/Passenger, LAMP/LEMP stacks, docker/podman/singularity containerization, GIT and CI/CD pipelines, PHP frameworks – processwire, drupal and wordpress. The majority of common end user applications on mac, windows and linux (FOSS tools – libreoffice/collabora, nextcloud, gimp, +). MIT's project Athena associated tools – kerberos and AFS.

🔖 **Management / Business:** Experience managing direct hires, partners, vendors, remote consultants, city inspectors (construction, health, etc.) and the financial management involved with running a small business.

/Education

| 1993-1995 | 🔖 **B.S., University of Arizona, Tucson:** Management Information Systems |
| 2001-2004 | 🔖 **M.Ac., Massachusetts College of Pharmacy and Health Sciences, Boston:** Chinese and Japanese Acupuncture (licensed provider with large private practice for 18+ years). |

/Currently

🔖 **Linux Systems Engineer – U of Minnesota Health Sciences, Minneapolis (12/2020 – Present):** Linux systems administration / ai/ml/gpu/hpc/web systems, tooling and associated automation and delivery pipelines.

Similar Roles at MIT (2001-2006 & 1996-1997), U of Arizona (2000-2001 & 1993-1995), UC Santa Cruz (1999-2000 & 1997) U San Francisco (1997-1998). Detailed History @ (https://linkedin.com/in/chadjdupuis).