

Duane Hellums

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hellums-eportfolio.azurewebsites.net

Experienced operations and development leader and project manager driven to achieve business goals, meet customer expectations, generate value, improve processes, and create happy, effective, highly productive teams.

Education and Certifications

- Project Management (PMP), Security+, CTS Audio-Video, Cisco CCENT (2017)
- Software Professional Development Program, USAF Institute of Technology (2005)
- Master of Science Information Systems, Hawaii Pacific University (1997)
- Bachelor of Arts Computer Studies, University of Maryland (1995)

Work Experience

OCT 2021 - PRESENT

Career Break/Sabbatical

- Code Louisville: Git/GitHub, feature branch workflow and Actions, Azure CI/CD, Unit Testing, OOP, Docker, Web Dev, Blazor, Flask, HTML, CSS, Mongo, SQLite, API, REST, MVC, C# .NET, Python, Data Analysis, Visual Studio/Code

SEP 2010 – OCT 2021

Director of IT - Galen College of Nursing, Louisville KY (HCA)

- Built and administered open-source Moodle, OSTicket ITSM and WordPress stacks
- Built, administered CampusVue stack (web, API, remote access, database, SharePoint)
- Virtualized Data Center SAN/VM, Azure Cloud apps, WAN for increased savings, agility
- Integrated applications, identities, networks during acquisition by HealthTrust (HCA)
- Built new networks, server rooms, classrooms (375K sq ft) in 9 cities and 6 states
- Made Hazard campus possible by linking remote video classrooms to Louisville teachers
- Enhanced education outcomes in 6 cities by installing interactive boards, A/V control
- Used iPads and MDM to enable academic and admission tests in any classroom anytime

NOV 2005 – SEP 2010

Network Services Manager - Georgetown College, KY

- Introduced cloud-managed wifi in dorms, saved \$475K by using HP modular switches
- Built and administered open-source Moodle to replace \$140K/yr Blackboard LMS
- Built and administered Rocks HPC cluster (CentOS, Ruby) for CompSci department
- Created broadcasting systems to stream college's campus radio, at-home football games
- Reduced budget, increased agility and capacity by virtualizing Data Center app servers
- Taught Databases, Telecom, TCP/IP Networking classes as CompSci Adjunct Faculty

JAN 1994 – NOV 2005

Software Engineer/PM - USAF, Montgomery AL

- Led agile project to create worldwide system outage dashboard for Asst Sec of Air Force
- Created new build process, reduced SDLC epics for Joint Staff messaging system by 25%
- Built and DISA-hosted the first USAF enterprise LMS (AFILC) on Meridian KSI/Oracle
- Coded Y2K changes to OS, application, 3rd party API required by Pentagon and GAO
- Built 4 Access client-server helpdesk/ITSM and personnel management systems
- Built analytics and decision management system using shell scripts and custom C apps
- Authored three books on FrontPage web development and Red Hat Linux system admin
- 3 AFIT certifications in SDLC management, 2 UK courses in web/OOP (C++, Perl, PHP)

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