

Cameron Villers

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SUMMARY

IT professional with experience in software development, IT operations, and media technology. Particular experience in systems development and integration using Microsoft technologies. Significant knowledge of database development, high-volume data processing, and systems administration. Strengths include strong interpersonal, communication, and analytical skills.

TECHNICAL EXPERTISE

- **Languages:** Python, Perl, C#, JavaScript, SQL, C++, Shell scripting (sh, PowerShell, Windows batch)
- **Technologies:** AWS (DynamoDB, SQS, EC2, S3), Django, Win32, MSMQ, ASP.NET, MSBuild, Git

WORK EXPERIENCE

- **Project Engineer**, Evertz Microsystems Feb 2017 – Present
 - ◊ Designed and implemented end-to-end media asset management and linear playout solutions.
 - ◊ Worked with customers to design the most efficient workflows for file-based content management.
 - ◊ Led adoption of the Python language for new development.
 - ◊ Set best practices for implementation of technical requirements and writing of documentation for the enterprise support team.
 - ◊ Worked with internal development teams to enhance the Mediator and OvertureRT platforms for customer requirements.
- **Software Developer**, RIMES Technologies Dec 2013 – Feb 2017
 - ◊ Developed software supporting the company's internal infrastructure and processes.
 - ◊ Implemented new software and maintained existing products using Python, Perl, C#, T-SQL, and C++.
 - ◊ Led development on multiple projects, including a systems integration project with a major client and a new managed service.
 - ◊ Worked closely with other teams to enhance software and troubleshoot companywide processes.
- **Software Developer**, BlueSky ETO Jan 2013 – Nov 2013
 - ◊ Developed custom marketing and web-to-print integration solutions for clients.
 - ◊ Assisted in systems integration of third party products.
 - ◊ Coordinated and performed regular releases of products to clients.
- **System Administrator**, University of Hartford, Department of Computer Science Sep 2008 – Jan 2013
 - ◊ Maintained Windows, Linux, and Solaris servers and clients.
 - ◊ Implemented new technologies such as Nagios monitoring, a Zimbra mail server, and VMware virtualization.
 - ◊ Oversaw migration to Windows 7 and Windows Server 2008 and 2008 R2.
 - ◊ Made purchasing and hiring recommendations and trained new hires.
- **Broadcast Engineer**, University of Hartford, Television Studio Apr 2009 – Dec 2012
 - ◊ Responsible for maintaining and ensuring day-to-day functionality of the university's television studio.
 - ◊ Assisted in specifying new purchases.
 - ◊ Assisted in day-to-day studio operations such as productions and video editing as necessary.
 - ◊ Assisted in building and operating live productions as necessary.
 - ◊ Acted as a liaison and support staff to external production companies which rented the studio.
- **Broadcast Engineer**, University of Hartford, Student Television Network Sep 2008 – Dec 2012
 - ◊ Operated and maintained broadcast media facilities in the station's office, edit suites, and studio.
 - ◊ Managed Active Directory, Microsoft Exchange, networks, and other IT systems.
 - ◊ Served as the station's chief engineer 2009-2010 (elected) and director of IT 2009-2011 (appointed).
 - ◊ Oversaw and carried out the implementation of several major upgrades including a new newsroom production system, upgrade to Avid Media Composer, integration of video storage servers, and a new content management system for the station's website.
 - ◊ Assisted in all aspects of live productions and pre-/post-production tasks as needed.
 - ◊ Assisted in designing and building in-studio and live field productions.

- ◇ Trained engineers in carrying out the above duties.

OTHER
PROJECTS

- **Web scraper system** 2016
 - ◇ Developed programs to scrape data from structured web pages from specified web sites and load into a NoSQL database.
 - ◇ Created analysis programs to analyze and correlate data for loading into an SQL database as an end-product.
 - ◇ Developed an ETL pipeline using SQS to coordinate the scraping, parsing, loading, and analysis of data.
 - ◇ Created continuous deployment scripts to enable rapid deployment of code to Linux cloud servers.
- **Web content management system** Nov 2009 – Apr 2013
 - ◇ Developed a web content management system using ASP.NET MVC and ExtJS, backed by SQL Server, for use by the University of Hartford's Student Television Network.
 - ◇ Initially developed during undergraduate years, with occasional maintenance and consulting thereafter.
- **Twitter "bot" framework** 2012
 - ◇ Created a framework used for simplifying the creation of .NET automated programs which use the Twitter API.

EDUCATION

University of Hartford, West Hartford, CT
B.S. in Computer Science

Dec 2012