

Stephen Eskin

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EMPLOYMENT HISTORY

System Database Administrator / Web Programmer

2009-Present

University of Maryland Police Department, College Park, MD

- Managing over 35 production Web, Oracle, and MSSQL servers and applications including the primary police Records Management and Computer Aided Dispatching System as well as maintaining legacy systems
- Designing, developing, and testing internal business applications used for day to day management of a wide range of department functions written in PHP, HTML, CSS, JS/AJAX, ColdFusion, Oracle, and MSSQL
- Totally redesigned and produced a new public website for the department located at www.umpd.umd.edu
- Created a ColdFusion based application to track currently assigned, as well as new requests for, physical access keys to buildings on the University property which are produced by the department
- Migrated the department to a new Computer Aided Dispatch and Records Management System for police reports, which involved setting up new servers and databases, coordinating with the software vendor, as well as installing and configuring multiple client programs on a majority of the department's PCs
- Created a custom network health dashboard utilizing Powershell to gather Windows performance counters to display statistics such as processor, RAM, and disk space usage for multiple servers, as well as application specific information such as current Exchange email queue counts or pending helpdesk tickets
- Coordinated with numerous universities in the State of Maryland to design and build an information sharing system of data on individuals issued Trespass/Denial of Access orders to campuses by utilizing custom data extraction scripts combined with SFTP data transfer and data conversion and storage scripts
- Implemented a new emergency alerts system created by EverBridge for the University of Maryland to reach over 60,000 students/faculty/staff, including setting up a monthly "sync process" that gathers affiliated users' data to automatically be added/updated/removed to ensure up to date contact information
- Managed a number of student programming interns working in a team based environment

IT Support Intern

2008-2009

University of Maryland Police Department, College Park, MD

- Performed maintenance for a computer network spanning 4 buildings and over 125 networked computers
- Routinely repaired, upgraded and serviced computers, installed hardware and software, as well as provided department employees with routine technical support, responding to everyday pc needs
- Created a framework, and numbers modules for internal business applications using PHP, HTML, AJAX, Oracle, and SQL languages for various departmental use such as tracking financials, helpdesk tickets, overtime, special events, rolodex and personnel data, reports of incidents captured by CCTV, and more

Security Operations Center Monitor

2007-2008

University of Maryland Police Department, College Park, MD

- Monitored over 250 security cameras throughout the University of Maryland campus
- Operated radio equipment to direct officers to incidents and provide updates to other officers on route
- Performed emergency reviews of immediate incidents beyond regularly assigned duties when needed

Web Services Summer Intern

2005-2006

Montgomery County Public Schools, Rockville, MD

- Designed and coded official web pages for multiple Title 1 elementary to high schools, as well as other departments within the county public school system, using HTML, CSS and Javascript
- Configured and programmed a new PHP web server used to host dynamic web applications

EDUCATION

B.S. Computer Science (College of Computer, Mathematical and Physical Sciences)

2006-2011

University of Maryland, College Park, MD

SKILLS AND PROGRAMMING LANGUAGES

Hardware

- Extensive experience with Active Directory based small to medium business networks running Windows Server 2012 and 2008 R2 including server installation/configuration/management/maintenance with strong Powershell/batch scripting abilities, as well as extensive experience troubleshooting large complex systems
- Advanced knowledge and experience with the installation/configuration/maintenance/diagnostic and repair of various types and configurations of computers and other electronics including PCs and Macs, networking equipment, phones, printers and fax machines, and more

Software

- Extensive experience managing and troubleshooting/repairing major operating systems such as Windows and Apple OS, plus intermediate Linux experience
- Extensive experience with Microsoft Office 2016/2012/2010 as well as other Microsoft software products
- Intermediate experience with Microsoft Exchange Server 2013/2010 and Windows SharePoint Services

Programming/Database

- Advanced knowledge of PHP, HTML, CSS and JavaScript web programming on IIS and Apache web servers
- Experience with Oracle and MSSQL database languages, including building queries and creating reports
- Experience scripting in Windows environments with PowerShell and Bash
- Intermediate knowledge of ColdFusion, AJAX, VBScript and XML web programming languages
- Intermediate knowledge and experience with web services such as REST and JSON
- Basic knowledge of Python, C++, Java, VB as well as a beginners knowledge of other basic languages

Miscellaneous

- Experience managing a suite of Public Safety applications including Tyler Technologies (formally New World Systems) Aegis MSP Computer Aided Dispatching and Records Management Systems, as well as emergency notification systems such as Everbridge and Rave Mobile Safety for campus community outreach
- Strong communication and interpersonal skills used to manage and work effectively with team members, and to create support documents and other technical communications for projects created

AWARDS AND COMMENDATIONS

- Nominated for the 2016-2017 University System of Maryland Board of Regents' Staff Award (to be awarded in January 2017) by the University of Maryland Police Department for my exceptional contributions to the department by saving tens of thousands of dollars on the purchase of software and recurring support fees by developing a home-grown software suite custom designed to the department's needs
 - Commendation for Excellence in 2016 for going above and beyond my duties during the move to a new headquarters facility with a significant number of planning, construction, and logistical meetings along with equipment ordering, scheduling, and moving
 - Commendation of Merit in 2013 for my outstanding efforts in planning, preparing, and executing the extremely technical and complex move of the Security Operations Center to a newly constructed space
 - Commendation of Merit in 2013 for my support in tracing and locating a UMCP student who publicly posted on Facebook that she was planning to self-harm and commit suicide
 - Unit Citation in 2007 for outstanding dedication throughout 2006-2007 for being closely involved in efforts to help decrease crimes on campus by recognizing crimes in process, completing video reviews in order to identify suspects, and directing officers to specified areas of crime
 - Certificate of Commendation in 2007 for going above and beyond my normal duties during an armed carjacking, spending a lengthy time reviewing video of the incident which lead to the suspects being arrested and charged with the crime
 - Achievement Award in 2006 from the Montgomery County Public Schools Division of Career & Technology Education in recognition of academic excellence and distinguished performance in information technologies (sponsored by Global eXchange Services)
 - Certificate of Achievement for the Grand Prize in the 2006 Web Accessibility Contest (sponsored by the Mid-Atlantic Consortium of Accessible Information Technology in Education)
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