

Hok S. Uy

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SUMMARY

I am an IT Professional and Computer Science graduate with a penchant for delivering enhancements to technical operating procedures via automation such as, development of scripting solutions to deploy managed computer systems and to deploy and manage file storage on secure data repositories. Harbor a great passion for applying programming fundamentals to enhance business operations. Experience working under highly scrutinized and regulated environments (GMP and GDP). Ambitious individual who seeks is constantly seeking to expand knowledge and experience through exposure to new technologies, with great interest in Amazon Web Services and DevOps methodology and toolsets.

EXPERIENCE

Senior IT Site Specialist

Roche Molecular Systems

May 2017 - Present, Pleasanton, CA

- Develop scripting and software solutions to quickly deploy corporate computer systems to over 1500 users and to manage user permissions using the least privileged security practice by utilizing VBScript for Windows, and Bash shell scripts for OSX and Linux devices.
- Led intern development project of a Windows Presentation Foundation application using .NET Framework and Visual C# to manipulate Active Directory. The application serves to quickly perform repetitive object updates, account unlocks, and administrative rights assignments with an overall goal of addressing shortcomings with the Microsoft provided Remote Server Administration Tools.
- Augmented existing technical operating procedures and increased efficiency for onsite Networking teams by developing Linux shell programs for parsing network equipment reports. Also produced SQL queries to bypass manual data scraping from web applications utilizing relational databases for network statistics of both co-located and globally dispersed networking devices.
- Oversaw migration and update of non-compliant computer devices and software systems hosted on legacy infrastructure onto environments meeting current corporate technical and security standards.
- Authored site-specific standard technical operating procedures and managed group policies for the deployment of GxP compliant computer systems used in manufacturing environments.
- Performed the deployments of Available and Required application packages in SCCM, including pilot testing and roll out to production environments across 3 Bay Area site locations serving over 3000 local users.
- Administered onsite training for newly hired IT technicians across numerous sites, and provided remedial knowledge transfers when necessary.

IT Technician

Challenge Horticulture

April 2012 – September 2012, Half Moon Bay, CA

- Built and deployed server hardware to provide a local network file storage solution and server hosted financial software databases for the storage of auditable business financial data.
- Built and maintained new and existing IT assets and increased overall productivity for onsite employees by giving employees readily accessible computer workstations.
- Implemented and adopted the use of existing file sharing solutions to allow offsite accountants access to invoice information and increasing efficiency by eliminating the need to send every invoice via e-mail attachments.
- Performed negotiations with internet service providers for onsite internet services that improved overall data throughput and reduced business expenditures.

Landing Support Specialist Squad Leader

United States Marine Corps

January 2006 - August 2013, Concord, CA

- Undertook the responsibility of leading a squad of 15 Marines ensuring each member remained both technically and tactically proficient by individual mentorship, and coordinated unit trainings.
- Compiled and transmitted reports over secure military network environments while maintaining operational security at all times.
- Coordinated and executed logistical support for the movement of personnel and cargo in support of Operations Iraqi and Enduring Freedom while forward deployed from 2008 to 2009.
- Fulfilled active service requirements in 2012 and discharged after maintaining honorable and faithful service in 2013.

PROJECTS

Statistical Analysis System Migration

- Collaborated with system owners within Roche Diagnostics in Q2 2019 to determine project requirements as it relates to IT deliverables and acted as the Linux onsite SME to advise on feasibility of the proposed solutions.
- Wrote and deployed Linux shell scripts used to allocate and control project data folders to ensure consistent naming and structural repeatability for data managers to control access to files related to company projects and private health information.
- Assisted with the migration of existing project data files by using my knowledge of Linux shell utilities to perform batch renaming of files and folders to follow nix naming conventions.

PERSONAL DEVELOPMENT

Full-stack Web Development Bootcamp

University of California Berkeley • Berkeley, CA • 2021

Over the course of 24 weeks, participated in and developed web applications deployed via GitHub pages and Heroku along with client-side applications using Node.js using full-stack development concepts and technology stacks to include: HTML, CSS, JavaScript, Node.js, SQL, Express.js, React.js, and Git.

Notable accomplishments:

- Created a Pokémon battle simulator to mimic the classic Pokémon battle system found in the ongoing video game series; uses the PokéAPI, Google Maps API, HTML, CSS, and JS.
- Developed a front-end application to enhance the UX of Ragnarok Online, an online role-playing game, by reading data from process memory to output real-time analytics and information about that game that is missing from the game's standard UI; uses C#, .NET Framework, and WPF.

SKILLS

Programming:

C, C++, C#, Java, JavaScript, .NET, XML, CSS, HTML, JSP, VBScript, SQL, Bash Script, Node.js, Express.js, jQuery, Bootstrap, Algorithms, Data Structures, Object Oriented Programming, Linux System Programming, Agile, Waterfall, Debugging

Software:

Bash, Linux, Visual Studio, JetBrains, MySQL, MariaDB, Windows, Powershell, Mac OSX, GitHub, GIT, Foreman, TCP/IP, Servlets, Active Directory, SCCM, Word, Powerpoint, Excel, ServiceNow, JAMF, Foreman, Amazon Web Services, Heroku

Soft Skills:

Documentation, Teamwork, Leadership, Mentorship, Public Speaking, Communication, Flexibility, Time management, Self-management, Problem solving, Troubleshooting

EDUCATION

Computer Science, B.S.

California State University East Bay • Hayward, CA • 2017

Computer Information Systems, A.A.

DeAnza College • Cupertino, CA • 2015