

Alexander J. Taylor

Web: <http://alex-j-taylor.com>

SUMMARY

Highly skilled, dedicated, and results oriented IT professional with over fifteen years of software development and operations experience. Broad experience in the areas of programming, system engineering, network maintenance, and technical support. Over fifteen years of extensive experience writing OS specific applications, web applications, and scripts using C#, Visual Basic, Java, JavaScript, Windows batch files, Linux BASH shell scripts, VBScript and AutoIT that connect to Oracle, MySQL and PostgreSQL databases. Over 17 years of experience with technical support and network maintenance in both Microsoft and Linux environments.

TECHNICAL SKILLS

*ASP.NET Web Development,
C++/C# Programming, Java,
HTML, CSS & JavaScript,
Oracle PL/SQL, Agile Development,
Microsoft Windows Batch, Linux BASH Shell,
Ansible, DevOps, AWS,
Network Maintenance*

→ TECHNICAL TRAINING

Developing Java Web Applications	HTML5 Web Development
Java Best Practices and Design Patterns	Cloud Computing Technologies Introduction
Java Programming Introduction	Deploying VMware vSphere
C# Programming	Advanced PC Configuration and Data Recovery
Visual Basic Programming for .NET	PC Configuration and Troubleshooting
Programming with .NET Introduction	Hands-On C Programming
C++ Programming Introduction	Introduction to Programming

→ PROFESSIONAL CERTIFICATIONS

Certified Java Programming Specialist & Certified Specialist in Java Web Development

→ PROFESSIONAL EXPERIENCE

NORTHROP GRUMMAN CORPORATION, McLean, VA

Software Development Analyst

September 2016 -Present

- Responsible for developing custom Microsoft ASP.NET web applications and Windows native applications using Visual Studio .NET, HTML, CSS, JavaScript, C# and VisualBasic.NET
- Actively analyze and suggest technical solutions with an Agile approach to iterative development
- Maintain software source control using Microsoft VisualSourceSafe, Microsoft Team Foundation Server and Git depending on team requirements
- Work with multiple development teams using different methodologies and requirements
- Provide appropriate documentation upon handing over software deliverables

PROEVENTA, INC., Winchester, VA

Director of Technology

2015 -2016

- Maintain set of AWS EC2 servers hosting a custom web application
- Develop Ansible configuration and deployment scripts for instances in the AWS environment
- Managed a team of developers on a PHP web application and an iOS native application
- Test web applications by creating Selenium scripts
- Gained experience with JIRA applying Agile development and Project Management techniques
- Procured PCs and setup Office365 and Exchange accounts for the company
- Provide technical support to a fast paced startup company

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LEARNING TREE INTERNATIONAL, Reston, VA

Classroom Technology Engineer

2010 -2015

- Created Java web and Java Swing applications to assist in course development and deployment
- Researched and developed new technologies to aid in delivering Information Technology courses
- Developed and deployed private, hybrid and public cloud infrastructure solutions for course delivery
- Provisioned Windows and Linux servers in the cloud for the deployment of multiple web applications
- Created and maintained multiple programs and scripts to improve the learning experience
- Provided technical support to course authors, operations, and instructors

RAM SYS, INC., Chantilly, VA

Systems Engineer / Systems Manager

2005–2008

- Responsible for backup, maintenance, repair of Windows Server 2003 Terminals Services servers supporting 400+ users
- Developed and maintained multiple scripts and programs to aid and enhance the end user experience in TS environment
- Provided technical support to 400+ clients with PC & Thin Client issues
- Responsible for managing and overseeing the IT department for the DC Metro division of a major homebuilder

LEARNING TREE INTERNATIONAL, RESTON, VA

Product Development Lab Technician

2001–2005

- Responsible for creation, configuration, duplication and shipment of course software.
- Created and maintained multiple scripts and programs in order to automate course load set-up.
- Researched and purchased hardware for internal and course development use.
- Provided technical support to course authors, operations lab technicians, and instructors.
- Responded to the needs of Product Managers and Authors throughout course development process.
- Maintained an accurate course software library with revision control

LEARNING TREE INTERNATIONAL, RESTON, VA

Lead Lab Technician

2000–2001

- Responsible for the repair, maintenance and upgrading of course equipment.
- Ensured all courses had the required hardware and software.
- Maintained accurate inventory of all equipment in education center.
- Responsible for duplication and distribution of all course software.
- Maintained software library with strict revision controls.
- Provided technical support to IT instructors.

LEARNING TREE INTERNATIONAL, RESTON, VA

Help Desk / Logistics Coordinator

1998 - 2000

- Responded to technical and logistic issues encountered by instructors during course set up and execution.
- Expedited appropriate Operations group to respond to complex problems.
- Communicated status of problem resolution to instructors and the Operations department.
- Maintained equipment schedule based on hardware platform specifications.
- Used forecasting software to perform analysis of attendee and event statistics.

→ EDUCATION

MAJOR IN COMPUTER SCIENCE, **Old Dominion University**, Norfolk, VA

Expected Graduation - 2019

MASTER OF SOCIAL WORK, **George Mason University**, Arlington, VA

Member of Phi Alpha - Social Work Honors Society

Awards - Graduate Academic Excellence Award

Cumulative GPA - **4.0**

BACHELOR OF ARTS IN PSYCHOLOGY, **California State University, Humboldt**, Arcata, CA

Honors Received: Magna Cum Laude

Cumulative GPA - **3.75**