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Edwin D. Perez

Skills

Languages
- HTML/HTML5
- CSS/CSS3
- JavaScript
- PHP
- Python
- Java
- SQL

Software
- Adobe Photoshop
- Adobe Illustrator
- GIT
- VIM

Libraries/Frameworks
- Bootstrap
- SASS/PostCSS
- ReactJS
- MongooseJS
- ExpressJS
- MochaJS
- SinonJS
- Babel
- Webpack

Databases
- MongoDB
- MySQL
- SQL Server 2008 R2

Server
- Apache
- NginX
- NodeJS
- Linux
- Java

Work Experience

Leidos

Software Engineer   September 2018 – Present

- Manage and mentor junior developers.
- Frontend development for the Enterprise Metadata Repository (EMR) at Social Security Administration using latest frontend development practices.
- Created designs for the EMR application.
- The EMR application is a single page RESTful application using the following technologies: Java, JavaScript, HTML5, CSS3, ReactJS, Redux, PostCSS, and AJAX.

Northrop Grumman

Software Engineer   March 2016 – September 2018

- Manage and mentor junior developers.
- Worked and lead multiple development efforts for internal applications at Northrop Grumman.
- Frontend development for the Enterprise Metadata Repository (EMR) at Social Security Administration latest frontend development practices.
- Created designs for the EMR application.
- Created continuous integration environment for the EMR team.
- Taught NodeJS class for internal Northrop Grumman employees.
- Architected the EMR application to function as a single page application using a RESTful API backend.
- The EMR application is a single page RESTful application using the following technologies: Java, JavaScript, HTML5, CSS3, ReactJS, Redux, PostCSS, and AJAX.

Skyline Technology Solutions

Software Engineer/Team Lead   February 2013 – April 2016

- Managed and mentored junior developers.
- Coordinated roadmap and releases for the OneView product.

- Gathered requirements for the OneView product from internal and external clients.
- Used SCRUM and Agile development to keep updating the OneView product with new features.
- Developed the OneView product for Skyline Technology Solutions. The OneView product is a video viewing/management web application that users use to share video across organizations. The OneView product is being used at Baltimore County Public Schools, Maryland Emergency Management Agency, Pennsylvania DOT, Virginia DOT.
- NodeJS is used as the server side technology that powers the OneView application. It handles session management and all the business logic for persisting the data to the database.
- Created RESTful API using NodeJS for managing application data.
- Created a complex access control layer for handling user authorization within the application using NodeJS.
- Integrated third party data into the OneView application using NodeJS.
- The OneView product is a single page RESTful application using the following technologies: JavaScript, HTML5, CSS3, NodeJS, NginX, MongoDB, MongooseJS, Express, Passport, Socket.io, BackboneJS, MarionetteJS, jQuery, Modernizr, Bootstrap.

Booz Allen Hamilton

Front-End Developer   November 2012 – February 2013
- Front-end developer for an Integrated Operations Control System for the Department of Veteran Affairs.
- Developed a widget based client side web application for the IOC system that updated real-time and allowed for inter widget interaction.
- The IOC system used the following technologies: KnockoutJS, JavaScript, CSS3, HTML5, AJAX/REST, BlazeDS, ActionScript 3, Flex 4, SQLite, and ColdFusion, Grails.
- Software used includes Adobe Flash Builder 4.6, Aptana Studio 3, and IntelliJ.

Booz Allen Hamilton

Web Developer   January 2012 – November 2012
- In charge of the maintenance and development of the websites and applications for the Office of Financial Operations (FMO), under the Assistant Secretary of the Navy, Financial Management and Comptroller.
- Gathered requirements from captains and financial managers for the Budget request tool.
- Designed and developed a Budget Request Tool to allow the different Navy commands to request budget changes. Application managed the whole process from beginning to end while maintaining financial documents. The Budget Request Tool used the following technologies: HTML5, CSS3, JQuery, ActionScript 3, Flex 4, and ColdFusion.
- Software used includes Adobe Flash Builder 4.5, ColdFusion 9, and ColdFusion Builder 2, PHPStorm, Eclipse, Photoshop.

Booz Allen Hamilton

Multi-Platform Developer   October 2011 – January 2012
- Developed a geospatial application for the IOS and Android mobile platforms, that helps investigators on crime sites collect evidence, send messages - chat, create graphics, take pictures, and display evidence on a map real time.
- Technologies used include ActionScript 3, Flex 4, C#, WebOrb.
- Software used includes Adobe Flash Builder 4.5, Visual Studio 2010.

Booz Allen Hamilton

Multi-Platform Developer   October 2011 – January 2012
- Developed a marketing application for the IOS and Android mobile platforms. The application was to show the Online/Offline capabilities for mobile devices. The application was able to cache maps on mobile devices so that users would be able to have map access even while not having phone signal. In addition to this, the application was also able to sync users' work that they had performed while offline.
- Programming languages used include ActionScript 3, Flex 4, ColdFusion.
- Software used includes Adobe Flash Builder 4.5, ColdFusion Builder 2, Adobe Air.

Booz Allen Hamilton

Multi-Platform Developer   July 2011 – October 2011
- Developed the Flex Analytical Dashboard application for the web, desktop, IOS, Android and Blackberry mobile platforms. This geospatial application helps people in the field to create annotations, send messages, create graphics, take pictures, track people, and display different layers on a map.
- Programming languages used include ActionScript 3, Flex 4, and ColdFusion.
- Software used includes Adobe Flash Builder 4.5, ColdFusion 9, and ColdFusion Builder 2.

Booz Allen Hamilton

Multi-Platform Developer   Spring 2011 – July 2011
- Developed an Action Tracker Dashboard application for the web, and IOS, Android and Blackberry mobile platforms. The application pulls data dynamically and shows it graphically so that senior employees get a better understanding of the status of the organization.
- Programming languages used include ActionScript 3, Flex 4, and ColdFusion.
- Software used includes Adobe Flash Builder 4.5, ColdFusion 9, and ColdFusion Builder 2.

Department of Veterinary Medicine University of Maryland

Web Developer   Fall 2010 – Spring 2011
- Developed the website and implemented a content management system solution. The content management used was Joomla. Link: www.vetmed.umd.edu
- Developed a second website which used the WordPress content management system.
- Programming languages used include PHP, JQuery, JavaScript, CSS, and HTML.
- Software used includes Photoshop CS5, Dreamweaver CS5, Fireworks CS5, and Flash CS5.

Department of Facilities Management, UMCP

Web Developer   Spring 2009 – Fall 2010
- Developed the arboretum and botanical garden website for the University of Maryland using HTML, CSS, PHP, and JavaScript programming languages. Link: www.arboretum.umd.edu
- Software used includes Dreamweaver CS4, and Photoshop CS4.

Division of Administrative Affairs Office, UMCP

Web Developer   Spring 2009 – Spring 2010
- Designed and developed website using HTML, CSS, jQuery, PHP, Dreamweaver CS4, Photoshop CS4, and Adobe Flash CS4. Link: www.adminaffairs.umd.edu
- Created the electronic newsletter for two semesters.

Department of Latin American Studies, UMCP

Web Developer and IT Assistant   Fall 2008 – Spring 2009

- Designed and developed the website for the department using HTML, CSS, PHP, Dreamweaver CS4, and Photoshop CS4.
- Created and distributed mass emails based in HTML.

Education
- **University of Maryland,** College Park, Maryland
- *Bachelor of Science Electrical Engineering*   Graduated May 2010