MARISSA ALVAREZ

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EDUCATION

Loyola Marymount University, Los Angeles, *CA*   May 2019
Bachelor of Science, Computer Science

SKILLS

Front-End Technologies: HTML, CSS, ASP.Net MVC, IIS, RAZOR, AJAX, Bootstrap, jQuery   **Software:** MS SQL Server, Bash, MySQL, Tableau, Balsamiq
Programming Languages: JavaScript, C#, SQL, Java, C++, Python   **Test Tools:** Unit, MS VS Test Tools **Frameworks:** MS.NET Core
Web Technologies\Web Services: WEB-API\HTTP   **IDE\Text Editors:** VS, Xcode, Sublime, Atom
Tools\Methodologies: Swagger, GitHub, TFS (Team Foundation Server)\Agile (Scrum)   **Systems:** Windows, MacOS, Linux   **Bilingual:** Spanish

INDUSTRY EXPERIENCE

Northrop Grumman Corporation   El Segundo, CA

Software Development Analyst- App & Web Development (LOOIE)   June 2019 - Present
   • Excellent in front-end UI design implementations written in HTML, CSS, Bootstrap, JavaScript, JQuery tailored to Northrop Grumman processes
   • Responsible for writing AJAX calls for UI interactions to the Controller actions using JS and JQuery to get data back as JSON to parse into the UI
   • Familiar with backend development by writing/modifying RESTful web services and RESTful APIs in C# utilizing the HTTP methods
   • Increased productivity and quality every sprint by developing reusable components, proxys, and participating in code refactoring
   • Collaborated with the UX/UI designer to create user interface mockups using Balsamiq
   • Involved in Agile Software Development to deliver project needs within three-week sprints
   • Using GitHub for version control, and TFS (Team Foundation Server- AzDO) for tracking user stories, tasks, and bugs
   • Attended meetings with the customer to understand and gather requirements
   • Presented and demonstrated deliverables live to the customer at sprint end reviews
   • Led deployment of code to the staging environment & organized QAT team meetings before deployment – backup for production deployment
   • Conduct tests (AMP Scans and Fortify Scans), document results, and remediate errors
   • The LOOIE web application helps users track movement of materials that were received and deployed on the manufacturing floors
   • Internally developed for the Factory of the Future (FoF) initiative & is estimated to save $3.1M in 2021 through reduction in finding data
   • LOOIE (Logical Organizations of Integrated Environments) integrates with existing apps: SAP, AssetSmart, ATOHMS, TEAMMS, Solumina, etc

College Technical Intern- (Collaboration Services, Adoption, & SharePoint Metrics Team)   May 2017 – May 2019
   • Created data visualizations utilizing Tableau and led several metrics demonstrations for customers
   • Utilized Microsoft SQL Server and SQL to gather metrics for customers
   • Developed and edited the Employee Services Page with HTML, Bootstrap, & JavaScript
   • Researched use cases for collaboration tools and corporation improvement
   • Worked to develop a new hire website and guides for new employees

College Technical Intern- Information Technology Services (Live Events, Mobile Services, & Email)   June 2016 - May 2017
   • Supported VTC room systems, Skype for Business calls, and internal webcasting events
   • Installed, set up, and monitored videos for all employees and executive support
   • Supported customers by handling ticket requests and assisted employees to utilize tools within the company
   • Uploaded and created "how to" videos about Skype for Business Software utilizing the Microsoft Expression Encoder 4 and Snagit

High School Intern - Diversity and Inclusion   Redondo Beach, CA
   • Assisted by managing employee resource groups and supported onsite events   March 2015 – May 2015
   • Organized and categorized documentation data for conferences

PROFESSIONAL DEVELOPMENT

Northrop Grumman – *Enterprise Services 2020 Presidents Award for Excellence*   September 2020
   • Selected to receive the 2020 Presidents Award recognizing work on the web application LOOIE
Northrop Grumman – *Mentoring the Technical Professional (MTP)*   January 2020 – Present
   • Participating as a protégé to expand career growth, gain exposure, reach personal goals, and improve leadership skills
NGWIN South Bay Leadership – *Historian*   May 2020 – Present
   • Brainstorming ideas for upcoming events, promoting women in STEM, and responsible to write event recaps after each event
NG Employee Resource Groups Member: Adelante, GreeNG, Connect1NG, vERGe, Gen2Gen, SWE   June 2019-Present
LMU Society of Women Engineers (Collegiate Level) – *Secretary & Event Planner*   Fall 2017 – May 2019
   • Organized and planned a budget of $5000 for the LMU Computer Science and Engineering Banquet
   • Served as a mentor by planning outreach events for the community to promote STEM, gave advice to others, and organized team bonding events
LMU Surf Club - *Treasurer*   Fall 2017 – May 2019
   • Prepare a budget for club expenses, teach members how to surf, organize beach cleanups with Heal the Bay, and promote ocean safety

UNIVERSITY PROJECTS AT A GLANCE

Adopt a Pet: Created a web application where one can search nearby pets up for adoption, view nearby shelters by utilizing the PetFinder API
Bubble Simulator App: Used jQuery/JavaScript, HTML & CSS where users could enlarge or create bubbles while responding to gravity and rotation