

MARISSA ALVAREZ

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EDUCATION

Loyola Marymount University, Los Angeles, CA
Bachelor of Science, Computer Science

May 2019

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, VS Code, 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 Engineer- Battlefield Airborne Communication Node (BACN)

November 2020 - Present

- BACN is a payload that goes on a Global Hawk that uses Link 16 to distribute communication
- Modernizing and updating the BIB application from GWT to React-Redux with Typescript
- Analyzing old code and transferring it over to the new application
- Utilizing Atlassian tools: Agile Board Jira, BitBucket-Stash, Team Wiki Pages

Software Engineer- App Design & Development (LOOIE)

June 2019 – November 2020

- 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, using JS and JQuery to get the 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
- Organized and categorized documentation data for conferences

March 2015 – May 2015

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