Matthew Thompson

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[LinkedIn](#) | [Github](#)

PROFESSIONAL SUMMARY

Over 10 years experience on multiple ISR programs CONUS/OCONUS at management, technical, and force protection capacities. I have prior experience integrating and utilizing various operating systems, C4ISR and UAS platforms, applications, and managing personnel. In addition I am an Army veteran with a background in Signal Intelligence.I am confident my proficient technical background, operational management, and customer service skills make me a well suited member for the team.

TECHNICAL SKILLS

Node.Js, Express, JavaScript, jQuery, React.js, React Native, GIT, Github, MongoDB, MySQL,Ruby,Python,C#, Firebase, HTML, CSS, Bootstrap, Media Queries, APIs, JSON, REST, AJAX, command line, computer science fundamentals, writing tests,Creo CAD,SolidWorks WindChill..

PROJECTS

ASADI (Aerostat Situational Awareness Database Intelligence)
- Multi-role Aerostat operations real-time asset database
- Creator and lead developer of team of 4.
- Created CONOPS, application requirements, and designed role dependent user interfaces
- Built with Javascript,Google Firebase,JQuery,Node.JS,,MongoDB,,Electron.js

Piedmont Park Virtual Tour (Explore) **Live app**
- An app created with the Piedmont Park Conservatory and #Greenpacehack to allow visitors to Piedmont Park to interact with virtual tour of the park
- As a part of the Backend development team, built Geofencing database responding to incoming Geo-location data.
- Developed with Google Geofencing, Geolocation; MongoDB, Javascript ES6.

Mentor Match- Learn2Code **Live app**
- An Application designed to match experienced developers with novice developers within a social network setting.
- Developed with MongoDB,Express,React.js,Node.js Auth0
- Worked as Back-End developer. Setup routes to server, and database instances..

EXPERIENCE

Senior Technical Operations Manager//PSS-T Program Technical SME   Apr2016-Present
TASM LLC; PD Aerostat; Fairfax, VA
- Develop ISR technical packages for TaSM Program Management Office on multiple contracts
- Reconstituted and maintained operational Aerostat maintenance database (FIGO) for PD Aerostat
- Maintain database for legacy PGSS equipment maintenance records for import in PD Aerostat Repair Data database
- Develop system Concept of Operation for Foreign Military Sales customer.
- Support engineering in cataloging Windchill (CAD program) product structure object part numbers from Repair Data to verify current OEM and program nomenclature.

PGSS/UAS Aerostat Configuration Management Program Lead   Feb 2014-Apr 2016
TASM LLC; NAVAIR 4.5xx; China Lake, California
- Directly managed technicians for the Re-integration of (29) LTA Unmanned Aerial Vehicles; (TCOM-22M) ISR assets to customer specifications.
- Developed RESET System Integration Lab (SIL) and repair center to test OEM electro-optical sensors and radars(FLIR,WESCAM, Vista)
- Supported JHAPL (John Hopkins Applied Physics Lab) integration team with Operation Stable Shadow (TIF- 25K) integration
- Developed testing, reporting, and documentation of asset configuration to insure proper operation post refurbishment and pre- QA/QC evaluation.

EDUCATION

Georgia Tech, Atlanta, GA
 Full Stack Web Development;

The Ohio State University, Columbus, OH
BS Exercise Science;

Active **Secret** Security Clearance