

Malachi Gray

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graymd.github.io

Secret Security Clearance - Active

Looking for a position as a web application developer where I can truly make a difference. Previous experience includes over 6 years of experience in Department of Defense (DoD) acquisition project management support with primary focus on Earned Value Management (EVM) analysis, cost estimating, scheduling, budgeting and financial management.

SKILLS

- Ruby on Rails (full stack)
 - MVC
 - MySQL and PostgreSQL Databases
 - Testing: Unit, Feature and Integration
 - Rails Pipeline
- JavaScript
 - jQuery
 - AJAX
 - AngularJS
 - Underscore
 - Backbone.js
 - JSON
- HTML/CSS
 - HTML5
 - CSS3
 - Twitter Bootstrap
 - Zurb Foundation
- Git / GitHub
- Proficient in Microsoft Office Suite (Excel, Word, Outlook, PowerPoint, Project, Access), Visual Basic for Applications, SharePoint
- Multi-Tasking, Data Management, Strong Organizational Skills
- Strong interpersonal and people skills
- Effective oral and written communication skills
- Ability to handle stress and work well under pressure
- Proactive and diligent with an attention to detail
- Knowledge of ACEIT
- Knowledge of Navy Enterprise Resource Planning (ERP) system

PROFESSIONAL EXPERIENCE

11/2008 – 12/2015

Tecolote Research, Inc

Dahlgren, VA

Advanced Analyst 2:

- Acted as lead EVM analyst for the Littoral Combat Ship (LCS) Surface Warfare (SUW) Mission Package (MP) Program at the Naval Surface Warfare Center Dahlgren Division (NSWCDD)
 - Developed processes, methodologies, and toolsets for collection and analysis of EVM data for work performed at NSWCDD in support of LCS SUW MP
 - Established the SUW MP Performance Measurement Baseline and provided associated performance tracking, data collection, and analysis of EV performance data, including developing in-depth control account variance analysis to document rationales, risks, and mitigation plans associated with EVM cost and schedule variances
 - Provided recommendations and briefing materials to upper-level management based on EVM cost/schedule performance indicators including cost and schedule variances and estimates at complete

- Documented and published EVM metrics and associated variance analysis in accordance with sponsor requirements
- Coordinated development of NSWCCD Lab Fiscal Year budget estimates, unfunded risk assessments, and quarterly latest revised estimates for the LCS SUW MP program and Patrol Coastal Griffin Missile System program, all entailed extensive data research, analysis, compilation and briefings to program management sponsor
- Provided cost and schedule analysis to assess impacts of external scope, budget, or schedule changes
- Supported development, maintenance, and analysis of multi-year Integrated Master Schedule including assessing slack and critical path
- Developed, maintained, analyzed and briefed cost estimates and resourcing estimates using appropriate estimating methodologies (i.e., engineering buildup, learning curve, analogy, extrapolation, etc)
- Provided support for financial execution strategies including analysis of funding requirements and funding strategies for ERP execution
- Developed and maintained databases to facilitate financial management and execution tracking for interdepartmental funding transfers, contract requisitions, cost account change requests and program expenditures
- Developed Visual Basic for Applications Macros to automate repetitive tasks in Microsoft Excel

2008 – 2014

Independent Contractor – JLS Aviation

Fredericksburg, VA

Flight Instructor:

- Conducted flight and ground instruction in accordance with part 61 of the Federal Aviation Regulation (FAR) including teaching primary, instrument, and advanced instruction in single engine and multi-engine aircraft per approved syllabi
- Trained clients to safely demonstrate the skills and knowledge necessary to operate the aircraft for which they were being trained
- Developed remedial training to benefit customers displaying difficulties acquiring the knowledge skills and abilities necessary to safely pilot aircraft
- Aided in the development of a Training Course Outline for (FAR) part 141

2007

AV-ED

Winchester, VA

Flight Instructor:

- Conducted flight and ground instruction in accordance with part 61 of the Federal Aviation Regulation (FAR) including teaching primary, instrument, and advanced instruction in single engine and multi-engine aircraft per approved syllabi
- Trained clients to safely demonstrate the skills and knowledge necessary to operate the aircraft for which they were being trained

EDUCATION

- **The Iron Yard, Charleston, SC, Graduated March 2015**
 - Rails Engineering – 12 Week Intensive Programming Boot camp
- **Old Dominion University, Norfolk, VA 2011 - 2014**
 - Previously pursuing Master of Engineering Management (18/31 credits completed; GPA 3.95)
- **Virginia Commonwealth University, Richmond, VA 2003 - 2005**
 - BS (Major: Mathematical Sciences / Applied Mathematics, Minor Physics); Graduated Cum Laude

PROFESSIONAL DEVELOPMENT

- 2014 Attended International Cost Estimating and Analysis Association (ICEAA) Professional Development and Training Workshop
- 2013 ICEAA Certified Cost Estimator / Analyst (CCEA) Certification (expires 11/2018)
- 2012 RISK 102 Training, Tecolote
- 2012 Cost Risk and Uncertainty Analysis Using Crystal Ball, Tecolote
- 2010 BCF-102, Fundamentals of Earned Value Management, Defense Acquisition University (DAU)
- 2009 ACEIT 101 Certification, Tecolote
- 2009 Analyst Training Program Cost Curriculum, Tecolote
- 2009 Analyst Training Program Core Curriculum, Tecolote

- 2008 Fundamentals of Systems Acquisition Management (ACQ 101), DAU
- 2007 Certified Flight Instructor Single-Engine, Multi-Engine, Instrument; Airplane

HONORS AND AWARDS

- 2012 Received 2012 NSWCDD Honorary Award for Work on the Patrol Coastal Griffin Missile System Development Team
- 2010 Received Letter of Appreciation from LCS SUW Mission Module Program Manager John Ailes, CAPT USN, in support of Early Deployment of LCS 1