Malachi Gray

Charleston, SC 29401
(540) 413-0116
malachi.d.gray@gmail.com
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: RSpec Capybara, factory_girl
    - Rails Pipeline
    - JSON
- JavaScript
    - jQuery
    - AJAX
    - AngularJS
    - Underscore
    - Backbone.js
- HTML/CSS
    - HTML5
    - CSS3
    - Twitter Bootstrap
    - Zurb Foundation
- Proficient in Microsoft Office Suite (Excel, Word, Outlook, PowerPoint, Project, Access), Visual Basic for Applications, SharePoint
- Knowledge of ACEIT
- Knowledge of Navy Enterprise Resource Planning (ERP) system
- 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

PROFESSIONAL EXPERIENCE

11/2008 – 12/2015   Tecolote Research, Inc   Dahlgren, VA

Advanced Analyst 2:

- Act 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)
    - Develop processes, methodologies, and toolsets for collection and analysis of EVM data for work performed at NSWCDD in support of LCS SUW MP
    - Establish the SUW MP Performance Measurement Baseline and provide 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
    - Provide recommendations and briefing materials to upper-level management based on EVM cost/schedule performance indicators including cost and schedule variances and estimates at complete
    - Document and publish EVM metrics and associated variance analysis in accordance with sponsor requirements

- Coordinate development of NSWCDD 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 entailing extensive data research, analysis, compilation and briefings to program management sponsor
- Provide cost and schedule analysis to assess impacts of external scope, budget, or schedule changes
- Support development, maintenance, and analysis of multi-year Integrated Master Schedule including assessing slack and critical path
- Develop, maintain, analyze and brief cost estimates and resourcing estimates using appropriate estimating methodologies (i.e., engineering buildup, learning curve, analogy, extrapolation, etc)
- Provide support for financial execution strategies including analysis of funding requirements and funding strategies for ERP execution
- Develop and maintain databases to facilitate financial management and execution tracking for interdepartmental funding transfers, contract requisitions, cost account change requests and program expenditures
- Develop Visual Basic for Applications Macros to automate repetitive tasks in Microsoft Excel

2008 – 2014   Independent Contractor – JLS Aviation   Fredericksburg, VA

Flight Instructor:
- Conduct 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
- Train clients to safely demonstrate the skills and knowledge necessary to operate the aircraft for which they were being trained
- Develop 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:
- Conduct 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
- Train 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 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   RI$K 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
- 2009   Appropriations Law and Anti-Deficiency Act Seminar, Department of the Navy
- 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