

Allison Kay Mitrovich

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SUMMARY

Cybersecurity Engineer with a concentration on Systems Engineering and Integration principals that highlight industries best practices. Over 10 years of experience in the following disciplines: Implementing quantitative cybersecurity design methodologies into the system development lifecycle; ability to balance engineering constraints in practical applications to support fielding cyber resilient systems; program management and leadership overseeing a team of 63 people executing a variety of cyber and systems engineering tasks; business growth and product development successfully growing multiple small scale tasks to multimillion dollar projects; strong communication and career management skills to optimize performance and work towards solutions; teacher of cyber across the industry that can lead projects and foster growth in the people around me and the clients I serve.

Certifications: Security+, Certified Expert Independent Assessor (CEIA), CNSS National Training Standard for Information Systems Security (INFOSEC) Professional, NSTISSI No. 4011 and Senior IA Systems Manager, CNSSI NO. 4012

SKILLS

Cybersecurity, Systems Integration, Systems Engineering, Program Management, Career Management and Mentorship, Risk Analysis, Cybersecurity Training and Education, Cybersecurity Tools (Nessus, NMap, Wireshark, Splunk), Cyber Methodology Development, Writing Skills, Presentation Skills

WORK EXPERIENCE

Aug 2009 - Present	Booz Allen Hamilton	Los Angeles, CA
Chief Engineer		

Currently working as a Career Manager, Cybersecurity Training and Onboarding Specialist, and Cybersecurity Program Manager supporting multiple DoD clients on behalf of the Air Force Research Labs (AFRL) Agent of the Security Controls Assessor (ASCA) since June 2009.

- Program manager of a team of 63 personnel managing scope, budget, risk, requirements, and schedule on a multimillion dollar task; assessing cybersecurity through the entire system lifecycle to ensure consistent risk assessments and on-time deliverables.
- Authored over 15 white papers analyzing operating systems and software not on the Approved Products or Common Criteria List to discuss potential security implications to operational systems. Developed methodologies of migrating systems to Software Defined Network principals and mathematical based computation of known system states.
- Developed training kits to teach staff how to be a good cybersecurity practitioner integrating systems engineering principals and following DoD Cyber Policies/Requirements. Created automated tools to calculate risk and developed a 2-day training course on the tools and industry standard tools. Developed risk report templates, onsite assessments, security tests and evaluation procedures, and control validation worksheets, now utilized across Air Force Space Command.
- Presented to multiple cyber forums, including over 600 personnel through Air Force Space Command, on how to conduct risk assessments focusing on how to aggregate code reviews, network analysis, policy and procedural review, personnel, and environment requirements.
- Authored updates to the Security Technical Implementation Guides (STIG) published by Defense Information Systems Agency (DISA) for Red Hat Enterprise Linux, Windows, SUSE and Dot Net

Framework.

- Expanded support from 1 DoD program with \$200K on contract to 10 DoD clients and over \$17M in revenue.
- Managed numerous clients across multiple agencies to develop enterprise requirements and reduce costs to programs. Lead and developed technical review boards with critical stakeholders to increase data sharing between these organizations.
- Provided technical updates for system designs and requirements to optimize schedule, cost, and risk impacts to field more optimal systems. Validated weakness in system designs to determine if the flaw is in fact a design flaw, as opposed to a deficiency based on lack of information. Evaluated if the design flaw can be mitigated with a non-material solution (e.g., documentation, SOP, etc.) or if the mitigation is cost-effective. Then reported findings to the program manager and critical stakeholders to put the recommendations into action.
- Developed next generation cyber architecture solutions for ground networks and space vehicles to support deployment of secured space and communications systems from cyber threats.
- Performed comprehensive vulnerability and risk assessments on over 400 Information Systems, including; Automated Information System (AIS) Applications and network enclaves, space programs specializing in telemetry, radar, timing, and frequency monitoring systems.
- Validated complex systems to analyze over 10,000+ technical, physical, and administrative requirements to determine systems risk ensuring system design and resilience characteristics are preserved.
- Provided guidance from base commanders, generals, program managers, and to developers on security impacts of systems to operational systems. Advised the DoD Chief Information Office of critical risks requiring immediate action, such as system disconnects. Developed plans for managing system risks to support fielding, integration and sustainment of systems.
- Requested by industry as the recognized cyber leader to conduct risk assessments on highly visible commercial companies, such as Space X's approval to connect to the Cape Canaveral launch pad allowing for their now success launches and landings.
- Developed multiple tools to automate Accreditation and Authorization and configuration specifications for applications risk assessments to increase accuracy and reduce delivery time of reports to clients.
- Developed a database to oversee threats from the Common Threats and Vulnerabilities database, STARS, and Color Team Assessments.
- Developed and published access methodologies for legacy systems to allow for conducting security tests and evaluations.

June, 2008 – Aug 2009

Engineer

Booz Allen Hamilton

Los Angeles, CA

Transformation Satellite Communications System (TSAT) Program System Engineering and Integration (SE&I), Military Satellite Communications (MILSATCOM) Wing System Engineering Support

- Assisted Program Manager and the Deputy Program Manager for the TSAT SE&I Partnership (TSP) for system engineering reviews.
- Compiled TSAT Program Management Reviews and six month Rolling Wave resource allocation planning.
- Supported TSAT Interim Design Review (IDR); led all event logistics, supported generating charts and data packages, and worked to resolve action items.
- Domain administrator for Los Angeles IT infrastructure applications.
- Developed comprehensive Monthly IPT Summary report for the client.
- Created and administered both the SMC Technical Services (STS) eShare site, the SBIRS iShare site and administered the JMS iShare site.
- Lead surge tasking management support and resource allocation analysis.
- Conducted financial management independent assessment of allocated employee hours versus actual hours worked.

Feb 2006 – May 2008

Loyola Marymount

Los Angeles, CA

Lead Researcher

Summer Undergraduate Research Fellowship (SURF) Lead Researcher

- Conducted an independent research project evaluating Air Force Reserve Officer Training Corps multi-tasking skills under the SURF grant awarded.
 - Managed the execution of the research to ensure it satisfied the grant requirements and timeline.
 - Converted data from DOS to Statistical Package for the Social Sciences (SPSS) to efficiently analyze data.
 - Led data gathering and analysis, recruitment of study participants and grant writing for funding.
 - Presented data in seminars and classrooms.
 - Published a research paper in the Journal of Perceptual and Motor Skills in August 2008.

June, 2007 – Aug 2007

California Bank & Trust

San Diego, CA

Analyst

Accounting Analyst and Financial Assistant (Summer-hire position).

- Managed Swap and Lot Loan mortgage portfolios monthly, while also performing daily reviews of Federal Reserve reports and system audits.
 - Responsible for granting employee access to 7 different designated banking systems.
 - Monitored application data security for the entire bank.

EDUCATION & EXTRA-CURRICULAR ACTIVITIES

Aug 2003 – May 2008

Loyola Marymount University

Los Angeles, CA

BA in Psychology with courses in Engineering, 2008. Minors: Philosophy (Ethics), Business, Natural Science

Women's Rowing Team – Team Captain 2006-2008, Western Athletic Conference Champions 2007.

Student Athlete Community Service Award recipient 2006 and 2008

AWARDS, PUBLICATIONS, & MEMBERSHIPS

- Received Booz Allen Hamilton's Values in Practice award which is the highest award received in the company (2018)
 - Current member of the Society of Women's Engineer
 - Received 'AFRL Letter of Recognition' from Col. Grondin (2012).
 - LTRS Contractor Team of the Quarter (2011).
 - TSP Individual Contribution Award (2009).
 - Current member of Armed Forces Communications and Electronics Association (AFCEA).
 - Long Beach Human Factors Conference, poster presentation (2009): Prevalence of "Attention" in the Published History of Human Factors: A Historic-Quantitative Analysis.
 - Transformational Communications SE&I Partnership Individual Contribution Award (2008).
 - Published Paper (2008): Preliminary examination of timesharing in United States Air Force ROTC cadets Journal of Perceptual and Motor Skills. 09/2008; 107(1):21-8.
 - Western Psychological Association, poster presentation (2008): Superior Tracking and Time-Sharing Ability in USAF ROTC Cadets.
 - Long Beach Human Factors Conference, poster presentation (2007): A Preliminary Examination of Time-Sharing Ability in United States Air Force ROTC Cadets.
 - American Psychological Association for Engineering and Applied Psychology, poster presentation (2007): Time-Sharing Ability in USAF ROTC Cadets.
 - Long Beach Human Factors Conference, poster presentation (2006): Time-Sharing Performance in United States Air Force ROTC Cadets.