Bunny Lacey

2014 Frazer Pl Unit A, Madison, WI 53713 ▪ (920) 227-3168

▪ slacey@wisc.edu ▪ https://skadilacey.github.io/skadilacey/

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Work Experience: **115 Fighter Wing - Office of Inspector General**
3110 Mitchell St
Madison, WI 53704

09/2015 – 09/2016
Self-Assessment Program Manager
Duties, Accomplishments and Related Skills:
I established protocol for a new digital Air Force inspection system on a squadron and wing level. The job was a unique assignment given to me based on my background in computing. I was given the freedom to work and build the program autonomously while giving weekly briefings to command staff.

After identifying shortfalls in the current inspection program, I felt it was necessary to supplement our program with automated processes and worked to develop them within the security constraints of a military network. I began by performing end user testing of the current online programs in an effort to identify the information that was most important to the user, as well as which workflows caused the most inefficiency.

I then created software that imported HTML from the inspection website and translated it into Excel using windows shell scripting and visual basic. The software then reformatted the data in order to clearly identify discrepancies that needed to be addressed. Task-specific URLs were provided to the end-user which drastically cut down on load time and number of clicks required to complete a specific task. Within the first month of using my program to administer the inspection process, unit compliance with the program went from 60% to 97%

Subsequent versions of my program added support for generating custom email alerts in Outlook, system audits, and data analysis. I was offered to work at the state level to get broader access to the system. There I gave input and provided support on other digital systems.

My program was presented at a national Inspector General conference in Washington D.C. and was positively received. Many units adopted the software for administering their inspection programs. At the end of my contract I was awarded an Air Force Achievement Medal for Outstanding Achievement.

128 Air Control Squadron
100 Independence Dr
Camp Douglas, WI 54618

07/2010 – 04/2017
Ground Radar Systems Craftsman, Staff Sergeant
Duties, Accomplishments and Related Skills:
Install, maintain, and certify mobile air traffic control and early warning radar systems, along with related computerized processors and communications subsystems. Specific experience in installation, maintenance, modification and certification of the AN/TPS-75 aerospace control and warning radar system, and accompanying AN/UPX-37 IFF digital interrogator.

In order to maintain this equipment I utilize various testing and monitoring equipment such as: digital multimeter, scopemeter, oscilloscope, spectrum analyzer, frequency generator, rf pulse generator, high voltage probes, megohmmeter, peak power meter, time-domain reflectometer, oil resistivity test set, flow meter, electronic counter, transit, etc…

Experienced manufacturing transmission lines such as rigid, semi-rigid and low loss rf cable, networking cable, multi-pin connectors. Installation and repair on waveguide. Repair and replacing plumbing on liquid heat exchangers and air compressors. Servicing HVAC units. Maintenance on liquid coolant filtration systems and air compressor dehydration systems.

Trained in following schematic diagrams and technical orders for troubleshooting and conducting repairs down to component level. Collect and analyze performance data of the radar using the Air Force Radar Evaluation System software.

2012-2013 Deployed in support of the Air Defense of the Arabian Gulf

2013 Air National Guard Ground Radar Airman of the Year

Bean Creative
2213 Mt Vernon Ave
Alexandria, VA 22301

08/2007 – 07/2010
Interactive Software Developer
Duties, Accomplishments and Related Skills:
Provided core implementation, prototyping, testing, and client support for web-based applications. Implemented client-side and server-side support using database applications, scripting, and programming languages such as ActionScript, HTML, JavaScript, CSS, PHP, ASP, SQL, Perl, Python, MySQL, Java, C#, and Visual Basic. Experience using IDE software such as Eclipse, NetBeans, Flash Builder, Unity, and Visual Studio. Install and maintain UNIX-based HTTP servers such as Apache.

Collaborated in design of user experience, user interface, and game mechanics. Gained experience in using enterprise software for content management, version control, flow-chart and diagraming, and the Microsoft Office suite of programs.

Designed, produced, and implemented audio, video, and digital graphics using various production applications: Adobe Photoshop, Illustrator, InDesign, Dreamweaver, Flash Professional, and After Effects; Sony Sound Forge; 3ds Max; and Blender.

Education:

B.S. Computer Science
University of Wisconsin Madison
- Computer science program. Major courses taken: Software Engineering, Artificial Intelligence, Computational Theory, Computer Graphics, Cryptography, Human-Computer Interaction, and Database Management Systems.
- Use of multiple languages including C, C++, Java, and Javascript

Sophia University, Tokyo, Japan
- Single semester study abroad, Japanese language, economics, and statistics.

University of Wisconsin Fox Valley
- General education, math, and entry-level computer science courses.

09/2011 – 12/2017

Airman Leadership School
McGhee Tyson Air National Guard Base, Louisville, TN
- Leadership development and training to provide first-line supervision and management.

Summer 2014

Ground Radar Systems Journeyman School
Keesler Air Force Base, Biloxi, MS
- Electronic principals followed by specialized courses for maintaining subsystems of various types of radar.

09/2010 – 05/2011

B.S. Digital Art and Design
Full Sail University, Winter Park, FL
- Focused on art and design applied to technology for entertainment, advertising, branding, and web.

09/2005 – 08/2007