

# DEE ANN SCANNIELLO

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Portfolio: <https://dazacher.github.io/Responsive-Portfolio/>

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## SUMMARY

Full Stack Web Developer, self-driven and easily adaptable with a passion for full stack development. Quick learner, who enjoys challenges and resolving problems. A graduate from the University of Arizona Bootcamp with a Certificate in Full Stack Web Development and a Bachelor's degree from DeVry University in Computer Information Systems. Skilled in JavaScript, jQuery, Bootstrap, AJAX, Git Bash, and APIs. Independent, organized, motivated, detail-oriented, and have a special skill at final testing software. Looking to grow as a programmer and eventually become a mentor to others.

## TECHNICAL SKILLS

**Languages:** JavaScript, Node.js, jQuery, JSON, AJAX, Bootstrap, API's, HTML5, CSS3

**Applications:** Visual Studio, Express.js, GitHub, React.js, MongoDB, MySQL, Git BASH, Handlebars.js, Travis-CI, Microsoft SQL Server.

## PROJECTS

- **Trivia with Friends** | **GitHub Link:** : <https://github.com/dazacher/Trivia-With-Friends> | **Deployed Link:** : <https://dazacher.github.io/Trivia-With-Friends/> | **Project Team Lead** | **Back-End Developer.**
  - Our first project at school, where we made a Trivia game. The user could choose the topic, number of questions, and difficulty level. Based on answers to the questions, a sound clip would play and a giphy would display pertaining to if it was a right or wrong answer.
  - Kept the team on track, reporting daily progress to the instructor, assisting with roadblocks, and presenting the project, majority of Back-End programming.
  - **Tools/Languages Used:** Bulma CSS, jQuery, API's, SoundManager2, AJAX, JSON, Git Bash, GitHub.
- Wrote a program for HR using C++ and Microsoft SQL Server, allowing the user to keep track of employee information.
- Designed and coded Dynamic/Interactive Web site in ASP.Net with accessibility to an Access Database, which supported the use of a wireless Smart Telephone to write up invoices in the field, print out invoices for the customer, and have real time updates applied to the database via the wireless phone service.
- Trouble shot Requirements Analysis software tool which initially indicated 20,000+ requirement tracing errors, reducing the count to <150 requirement errors, which could then be manually verified and corrected, reducing manual verification by 99.25%.
- Researched, developed, and implemented a new manufacturing process, eliminating defects, increasing overall product yield from 20% to 91%.
- Designed and built test fixtures for final testing electronic and pneumatic modules. Resulted in streamlining test procedures and reducing labor-hours required to complete tasks.
- Created and updated 80% of manufacturing's system drawings and build documents. Increasing product reliability, improved assembly quality, and reduced manufacturing time by more than 25%.

- Documented final test procedures for all systems and assemblies, improving quality and reliability.
- Researched, evaluated, and implemented use of a more efficient process gas delivery system. Resulted in a 60% reduction in bottle change labor-hours, reduced material costs by over 50%, and improved engineering's equipment up time by 70 %.
- Extensive experience in solving customer problems through effective communications with manufacturing, maintenance, and engineering departments.

## PROFESSIONAL EXPERIENCE

### **Home Engineer, Mesa, AZ**

2012- Present

Took time off to be a fulltime mom and help develop a future adult. Went back to school for Web Full-Stack Development training at the University of Arizona Web Full-Stack Development Boot Camp, to prepare for re-entry into the workforce.

### **Risk Placement Services, Scottsdale, Arizona**

2008 – 2012

**Developer/Analyst** – Wrote SQL procedures for insurance quotes, and various types of insurance data collecting activities. Also wrote an application for the personnel director that allowed her to keep track of current and past employee information, including classes taken, vacations, address information, salaries, etc.

### **Performance Software, Phoenix, Arizona**

2004 – 2008

**Project Engineer**- Specialized in Aircraft Flight Management systems for Airbus A380, Boeing 777 and 787. Update software requirements to meet system requirements, update software in Ada to meet updates to requirements, update requirements tracing, write tests in C to test Flight Management software, wrote software for Constant Mach Speed (CMS) for AirbusA380 in Ada. Updated Transfer File Documents (TDF's) to test updated flight management code.

## EDUCATION

### **Bootcamp Certificate, Full Stack Web Development, University of Arizona, Gilbert, Arizona**

- A 24-week intensive program focused on gaining technical programming skills in HTML5, CSS3, JavaScript, jQuery, Bootstrap, Node.js, MySQL, MongoDB, Express, Handelbars.js & React.js.

### **Bachelors Degree Computer Information Systems, DeVry University, Phoenix, Arizona**

- **Graduated Summa Cum Laude**
- C++, Visual Basic, ASP.Net, Java, Cobal, HTML, CSS, SQL

### **Associate of Arts, Mesa Community College, Mesa, Arizona**

- **Graduated with Highest Distinction**

### **Associate of General Studies, Mesa Community College, Mesa, Arizona**

- **Graduated with Highest Distinction**

### **Computer Electronics Technician, Miller Institute of Technology, Phoenix, Arizona**

- **Graduated with Honors**