

# Anthony J. Scimone

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**GitHub:** <https://github.com/ajscimone>

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## Technical Skills

### Proficient Languages:

- C/C++
- MASM Assembly Language
- Javascript
- Shell scripting

### Web Technologies:

- HTML & CSS
- Node.js
- Express
- EJS
- jQuery
- MongoDB
- Mongoose

### Technologies/Environments

- Git
  - Visual Studios
  - Command Line
  - Vim
  - Linux
  - Sublime Text
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## Projects

- Programmed a text based video game using C++ which allows users to travel through an interactive environment, collect items, and solve puzzles.
  - Wrote a website for a fictional camping grounds management service using Node.js, Express, and MongoDB/Mongoose.
  - Created a MASM assembly language library I/O procedure which reads in keyboard input, validates the input by determining if the input is a string or numerical value, stores string inputs as string data types, and converts numerical inputs to numerical value and stores as an appropriate data type.
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## Professional Experience

**Aerospace Engineer-Mechanical**, Georgian Aerospace, LLC.

April 2013–present

- Oversaw completion of Defense Contractor and Commercial projects.
  - Created documentation for structures, electromechanical assemblies, installation procedures and repair documents for FAA Title 14 compliance via STC or 8110.
  - Managed projects and ensure all projects are completed within customer contract deadlines.
  - Developed complex aircraft electro-mechanical assemblies, systems, and installations.
  - Developed reports, presentations, and project updates using Microsoft Office products.
  - Collaborated with a small team of engineers on large projects using Solidworks PDM revision control.
  - Provided mechanical and electrical drawings detailing the assembly and installation of new systems.
  - Verified structural capabilities of design capabilities using NX Nastran Femap.
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## Education

**Bachelor of Science in Biological Engineering**

University of Missouri, Columbia, MO

### Relevant Coursework:

- Data Structures in C++
- Microcontroller embedded programming using C++
- Robotic automation using Labview
- Engineering applications using MatLab
- Biological applications in circuits and electronics