## **Objective:**

To obtain the knowledge and develop the skills required to position myself as a Software Engineer within the aerospace industry.

## Education:

### West Virginia University – 2010 to present:

Location: Morgantown, West Virginia; 26505

Selected Major: Computer Science

Cumulative GPA: 2.81

Expected Graduation: May, 2014

### Relevant Classes:

* Artificial Intelligence (CS 472)
* Compiler Construction (CS 410)
* Database and Design Theory (CS 440)
* Operating System Construction (CS 450)

## Qualifications and Skills:

* Fluent in various programming languages including: C, C++, C#, PHP, Java, HTML(4-5), CSS(2-3) and Javascript.
* Knowledgeable in computer operating systems including: Unix, Linux, Mac OS, and Windows (2k – 7).
* Experienced thoroughly in many database software; Oracle, MySQL, PostgreSQL, and SQLlite.
* Clear understanding of computer hardware and computer networks.

Proficient in major software programs: Microsoft Office (all programs), Sharepoint, Outlook, Visual Studio and Microsoft Visio.

## Experience:

### Orbital Sciences Corporation, Dulles, VA – May 2010 to August 2011

**Software Engineering Intern – May 2010 to August 2010**

* Trained in using MAESTRO software.
* Documented and tested flight code software in a simulated environment using MAESTRO.
* Developed flight code test scripts for use in a MAESTRO environment.
* Worked in a lab environment and executed standard procedures to test code.
* Worked with a “hands-on” approach of simulation hardware and software.

**Engineering Intern – July 2011 to August 2010**

* Researched and understood SharePoint software.
* Utilized SharePoint to establish a collaboration directory for the ACS (Attitude Control System) team.
* Developed professional skills coordinating and conducting project meetings.
* Generated and documented flight software code.
* Developed flow charts that documented specific flight code modules.

### College of Engineering & Mineral Resources Information Technology – August 2011 to May 2012

* Managed and controlled a computer lab environment.
* Worked on computer hardware and software for specific student environments.
* Helped people with computer issues.
* Controlled computer hardware and software within the mining department.

### Private Software Engineering Contractor – May 2012 to August 2012

* Designed User Interface for IAAM (It's All About Music – [http://iaamlove.com](http://iaamlove.com/)).
* Designed Web front-end for IFCCD (International Foundation for Children with Cranialfacial Disorders – <http://www.ifccd.org/>).
* Developed various functions for clients' websites based on their specifications.
* Familiarized myself with Git version control.

### College of Engineering & Mineral Resources Software Developer – May 2013 to present

* Designed and developed opensource server code to provide a complete controllable home system used in the WVU Solar House (Peak) for the 2013 Solar Decathlon competition.

[http://solardecathlon.gov](http://solardecathlon.gov/).

* Modeled software and hardware architecture for group design.
* Trained by WV OSHA (30 hour) for construction of the house.

## Code Repositories:

<https://github.com/Bryan-Turek>