

Education

University of Wisconsin

Madison, WI

September 2012 to present

- Seeking degree in Computer Sciences
- Current GPA 3.4
- National Merit Scholarship
- Expect to graduate in December 2015

Employment

Pilot Training System—*Software developer*

6/2015 to present

- Developed advanced weather simulation engine for FSX/Prepar3D
- Project involved C++/C# applications and a web interface in PHP/SQL.

UW Library System—*Helpdesk support*

6/2015 to 9/2015

- Provided technical support to library employees and patrons
- Imaged and deployed computers within network of ca. 800 machines

Badger Catholic—*Webmaster*

8/2014 to present

- Publish weekly newsletter
- Update content on and maintain website (Wordpress)
- Create documentation for position

Department of Industrial and Systems Engineering—*Video editor, Programmer*

8/2014 to present

- Help create intro private pilot course
- Create quiz-generating and scoring software for course website (PHP/SQL)

Internet Scout—*System Administrator*

6/2013 to 9/2014

- Maintain desktop and server hardware and software
- Provide technical support for employees
- Worked in Linux shell almost exclusively (CentOS 6, bash)

Other Skills and Qualifications

Language experience:

- C/C++ (since 2008), Java (2010)
- HTML (2007), PHP (2014), Javascript (2015)
- bash (2010)

FBLA: Finished 7th nationally in Future Business Leaders of America's *Desktop Application Programming* category in 2011 (C++)

Aviation: I obtained my Private Pilot Certificate on July 3 2014 and have accumulated more than 150 flying hours. I compete on the University of Wisconsin Flying Team, on which I was named third Top Pilot in this year's regional competition.

Language skills: I have been learning the German language since 2008. Though I have never been to a German-speaking country, I consider myself reasonably fluent.

Other interests: Model (RC) airplane building and flying, sports car driving, bicycling, music