Tyler Ayrton Stank

tstank@wisc.edu — 262 724-6355

Education

University of Wisconsin — Madison, WI
Bachelor of Science — May 2016
· Major: Computer Sciences — GPA: 3.4/4.0
· National Merit Scholarship

Employment

Pilot Training System—*Software developer* — June 2015 to present
· Develop advanced weather simulation engine (ClimaDrive) for FSX/Prepar3D
  − C++/C# applications interface with simulator via event-based SimConnect SDK
  − PHP/SQL web interface provides weather briefing and creates data for simulator
· Integrate use of GitHub to aid collaboration

UW Library System—*Helpdesk support* — June 2015 to September 2015
· Provided technical support to library employees and patrons
· Imaged and deployed computers within network of ca. 800 machines

Badger Catholic—*Webmaster* — August 2014 to present
· Publish weekly newsletter
· Update content on and maintain website (Wordpress)
· Work closely with marketing team to create acceptable web content and keep the website up to date with events and news

Department of Industrial and Systems Engineering—*Video editor, Programmer* — August 2014 to present
· Help create introductory private pilot course
· Create quiz-generating and scoring software for course website (PHP/SQL)

Internet Scout—*System Administrator* — June 2013 to September 2014
· Maintained desktop and server hardware and software
· Provided OS X desktop and application technical support for employees
· Managed server software 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)

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

Aviation:
· I obtained my private pilot license on July 3, 2014 and have accumulated more than 150 flying hours.
· I am a captain of the University of Wisconsin's Flying Team, on which I was named third Top Pilot in the National Intercollegiate Flying Association's 2015 Region V SAFECON competition.

Foreign Language skills:
· I have been learning German since 2008, and am conversationally fluent.

Other interests:
· Model (RC) airplane building and flying
· Sports cars and auto racing
· Bicycling
· Playing, arranging, and composing music