Tyler Ayrton Stank

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Education

University of Wisconsin   Madison, WI

Bachelor of Arts   May 2016
  · Major: Computer Sciences   GPA: 3.4/4.0
  · National Merit Scholarship finalist

Employment

Understory—*Junior Software Developer*   August 2016 to February 2017
  · Develop Python ETL and Tomcat server backend (Java) for weather reporting website

Extreme Engineering Solutions—*Associate Embedded Engineer*   January 2016 to July 2016
  · Build, test, and release IPMI firmware for VPX computers
  · Develop release testing automation in Python

Pilot Training System—*Software developer*   June 2015 to December 2015
  · 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 February 2016
  · 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

UW-Madison Industrial and Systems Engineering—*Video editor, Programmer*   August 2014 to December 2015
  · 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), Python (2016)
  · 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:
  · Obtained private pilot license on July 3, 2014; curently have more than 190 hours experience
  · Captain of the University of Wisconsin's Flying Team — June 2015–January 2016
    – 3rd Top Pilot in the National Intercollegiate Flying Association's 2015 Region V SAFECON

Foreign Language skills:
  · Four years high school and two years university study in German language

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