Tyler Ayrton Stank

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Employment

Extreme Engineering Solutions—*Business Applications Developer*   April 2017 to present
- Maintain Symfony-based CRM and develop new Symfony-based timesheet applications
- Develop extensions and provide support for Odoo ERP system

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*   August 2014 to December 2015
- Develop advanced weather simulation engine for FSX/Prepar3D using C++/C# and SimConnect SDK
- Help create introductory private pilot course
- Introduce git-based source control practices to aid collaboration

UW Library Technology Group—*Helpdesk support*   June 2015 to September 2015
- Provid technical support to library employees and patrons
- Image and deploy computers within network of ca. 800 machines

Badger Catholic—*Webmaster*   August 2014 to February 2016
- Publish weekly newsletter
- Work closely with marketing team to create and publish acceptable, up-to-date website content

Internet Scout—*System Administrator*   June 2013 to September 2014
- Maintain OS X desktop and CentOS 6 server hardware and software
- Provide technical support for employees

Education

University of Wisconsin   Madison, WI
Bachelor of Arts   May 2016
- Major: Computer Sciences   GPA: 3.4/4.0
- National Merit Scholarship finalist

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:
- Private Pilot Certificate: July 3, 2014
- Instrument Rating: June 3, 2019
- Total flying experience: 450.7 hours
- 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
- Remote ("Drone") Pilot Certificate with Small UAS rating

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