

Tyler Ayrton Stank

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Employment

Extreme Engineering Solutions—*Business Applications Developer* April 2017 to December 2020

- Maintained Symfony-based CRM and developed new Symfony-based timesheet applications
- Developed extensions and unit tests, provided support for Odoo ERP system
- Solved data problems using a combination of Python ORM and SQL queries
- Migrated legacy Perl code into modern applications

Understory—*Junior Software Developer* August 2016 to February 2017

- Developed Python ETL and Tomcat server backend (Java) for weather reporting website

Extreme Engineering Solutions—*Associate Embedded Engineer* January 2016 to July 2016

- Built, tested, and released IPMI firmware for VPX computers
- Implemented Python-based automation for release testing

Pilot Training System—*Software developer* August 2014 to December 2015

- Developed advanced weather simulation engine for FSX/Prepar3D using C++/C# and SimConnect SDK
- Helped create introductory private pilot course
- Instituted git-based source control practices to aid collaboration

University of Wisconsin Library Technology Group—*Helpdesk support* June 2015 to September 2015

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

Badger Catholic—*Webmaster* August 2014 to February 2016

- Published weekly WordPress newsletter
- Worked closely with marketing team to create and publish relevant, up-to-date website content

Internet Scout—*System Administrator* June 2013 to September 2014

- Maintained OS X desktop and CentOS 6 server hardware and software
- Provided 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:

- Python, Java, C/C++/C#, PHP, Perl
- HTML, CSS, Javascript
- bash

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: 483.8 hours
- Captain of the UW-Madison 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:

- Proficient in German language

Other interests:

- Model (RC) airplane building and flying
- Working on and racing sports cars
- Bicycling
- Playing, arranging, and composing music