

# Tyler Ayrton Stank

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## Employment

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- 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 using GRIB/GIS data
- 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
- UW 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 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

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- 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

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### 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