

Tyler Ayrton Stank

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Employment

- EatStreet**—*Software Engineer* February 2021 to April 2022
- Maintained and added new features to monolithic Spring MVC customer facing food ordering website
 - Created Spring Boot microservices for new functionality used by the monolithic application
 - Triaged and handled realtime problems in on-call rotation
- 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

Other Skills and Qualifications

Development experience:

- Languages: Python, Java, C/C++/C#, PHP
- Frameworks: Symfony, Odoo, Spring MVC
- Databases: MySQL, PostgreSQL

Aviation:

- Commercial Pilot Certificate; 585.4 flight hours; Instrument and Airplane Single/Multi Engine Land ratings
- 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 Pilot Certificate with Small UAS Rating

Other interests:

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