

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
- National Merit Scholarship finalist

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

Future Business Leaders of America:

- Finished 7th nationally in FBLA's *Desktop Application Programming* category in 2011 (C++)

Aviation:

- Commercial Pilot Certificate; 559.3 flight hours; Instrument and Airplane Single 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

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