

# Michael Permyashkin

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## Education

### Bachelor of Science in Software Engineering

May 2021

Shippensburg University, *Shippensburg, PA*

Accredited by ABET

**GPA: 3.7**

## Professional and Leadership Experience

### Paid Intern, Team Lead

May 2019 – Present

Cinteot Inc., *Chambersburg, PA*

- Team lead of Agile driven research and development projects in web-development and machine learning
- Maintain Cinteot website by administering MySQL backups and modifying site's PHP code to reflect necessary changes
- Serve as System Administrator for all development access to repositories hosted by an ESXi Hypervisor

### President

August 2018 - October 2020

Shippensburg University Programming Team, *Shippensburg, PA*

- Oversee a 25-member team and work closely with a faculty advisor to plan meeting exercises
- Facilitate learning of algorithms and develop problem-solving strategies
- Register and coordinate logistics for our team's participation in various regional programming competitions

### Orientation Leader, Elected Committee Member

June 2018 – August 2019

Shippensburg University New Student Orientation, *Shippensburg, PA*

- Coordinated team operations and schedule for summer and winter orientation programs

## Technical Skills

**Languages:** Java, Python, PHP, JavaScript, C#, C, SQL, HTML/CSS

**Frameworks:** Django, Bootstrap, Vue.js, Express, RESTful API

**Operating Systems:** Linux, MacOS, Windows

**Tools:** Git, Eclipse, Vim, Visual Studio, Visual Studio Code, JUnit Testing, JDBC

## Projects

### Cinteot Voice Engine, *Private Repository*

Present

- Django and Gensim machine learning application to analyze entity voice and language to assist in RFP review
- Models provide a similarity to voice score in addition to suggested changes to the proposal

### Cloudland, <https://git.io/JUqSg>

Summer 2020

- A full stack e-commerce web application built with the Django web-framework with multi-vendor support
- Features include shopping carts, user accounts, seller dashboard, email automation and checkout with Stripe API

### Sorting Visualizer, <https://git.io/JU484>

Summer 2020

- Visual demonstration of popular sorting algorithms
- Parameters can be adjusted by user to illustrate a variety of sorting conditions

**Deloitte Healthcare Management System, *Private Repository****Spring 2020*

- Version control system to manage complex reports filed during regular visits between caseworkers and clients
- Manages information life cycle and provides data synchronization as devices move between internet connectivity

**Cinteot E-Verify Portal, *Private Repository****Spring 2020*

- Custom web application developed for Cinteot Inc. with the Django REST framework and E-Verify API
- Secure collection and submission of the Form-I9 prior to employee authorization

**Know Line Coffee, <https://git.io/Jv0xk>***Winter 2020*

- A progressive web application to view and update current line lengths at coffee shops at the Shippensburg University
- Developed using Python's Django framework and a MySQL database

**Cinteot Machine Learning Client, <https://git.io/JeqoP>***Fall 2019*

- A .NET Core front-end application to deploy machine learning tools to assist review of Request for Proposals (RFP)
- Developed the multi-class classifier with ML.NET

**Scrapy Web Spider, <https://git.io/JffMu>***Fall 2019*

- Web spider used to scrape over 2.5 million URLs and obtain 3.2 terabytes of downloaded files
- Developed using Python's Scrapy framework

**Pixel Jumper, <https://git.io/JU48g>***Spring 2019*

- A 2d platformer game built using the Godot game engine
- Multi-level game includes level objectives, coin collection, hazards and sound effects

**Certification and Security Clearances**

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**Department of Defense Top Secret Clearance:** Active*February 2020***CompTIA SY0-501 Security+ CE Certification:** Core security functions in a cybersecurity role*May 2019*