

John Zlotek

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Education

Drexel University
Bachelor and Master of Science in Computer Science
Minor in Mathematics

Philadelphia, PA
Anticipated Graduation: June 2021
GPA: 3.81

Technical Skills

Languages	Python, Go, C, Bash, JavaScript, HTML, CSS (Sass/Scss), Java, C++, Markdown, L ^A T _E X
Operating Systems	Windows, Linux (Arch and Ubuntu), macOS
Tools	Kubernetes, Docker, Git, Jira, npm, Maven, MongoDB, Contentful
Frameworks	Numpy, Flask, SciPy, express, Vue.js, OpenCV, Keras
Software	Visual Studio Code, JetBrains Suite, Microsoft Office
Concepts	Computer Vision, Machine Learning, DevOps

Experience

Susquehanna International Group

Software Engineer (remote)

Bala Cynwyd, PA
April 2020 to September 2020

- Developed internally used tools for managing ticketing and DevOps workflows
- Maintained Kubernetes and Docker based applications for use across teams
- Spearheaded Kubernetes resource monitoring system to be able to tune resource usage on a per-pod basis and alert on pods going offline

URBN

Software Engineer

Philadelphia, PA
September 2018 to March 2019

- Developed user facing store interface and React Redux components for URBN branded websites
- Updated browsing component UX on all user facing websites based on designers' and users' requests
- Developed browsing components on new PWA brand sites built with Vue.js, Vuex, and express in order to increase overall site responsiveness and decrease load times on mobile
- Optimized PWA searching network calls by using caching and monitoring user input to halt new network calls

Penn Mutual Life Insurance

Software Developer

Horsham, PA
September 2017 to March 2018

- Developed and maintained RESTful API to integrate databases with other in-house services and endpoints
- Managed customers' data on MongoDB instances
- Created machine learning and computer vision application to parse information from hand written documents

Drexel University

Teaching Assistant

Philadelphia, PA
March 2018 to Present

- Serve as teaching assistant for a wide variety of Computer Science courses
- Responsible for grading assignments and providing one-on-one tutoring

Buckingham Pediatrics

Technology Consultant

Buckingham, PA
February 2016 to Present

- Update and manage various forms of technology in the office by installing new drivers and software
- Update and maintain company website with accurate information and documents

Projects

Checkers

Server Side Lead and DevOps

CS 451: Software Engineering
June 2019 to September 2019

- Collaborated with a team using Agile philosophy to design and develop a socketed checkers application over the course of a term
- Utilized tools like Gradle, git, and Codecov to make sure code was well developed and up to our testing and code standards
- Conducted peer reviews on git pull requests to find errors in team members' code
- Developed server game instance logic and client to server data transmission protocol to send move information

Honors and Awards

2019 to Present	<i>Member of Upsilon Pi Epsilon</i>	Drexel University, Philadelphia, PA
2016 to Present	<i>Dean's List</i>	Drexel University, Philadelphia, PA
2014	<i>Eagle Scout</i>	Boy Scouts of America, Troop 6, Doylestown, PA