

# 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

## Honors and Awards

2016-present	<i>Dean's List</i>
2016	<i>Summa Cum Laude</i>
2014	<i>Eagle Scout</i>

Drexel University, Philadelphia, PA  
Central Bucks High School East, Doylestown, PA  
Boy Scouts of America, Troop 6, Doylestown, PA

## Technical Skills

Languages	Python, Bash, JavaScript, HTML, CSS (Sass/Scss), Java, C, C++, Markdown, L <sup>A</sup> T <sub>E</sub> X
Operating Systems	Windows, Linux (Arch and Ubuntu), macOS
Tools	Git, Jira, Gulp, Maven, MongoDB, Contentful
Frameworks	express, Vue.js, OpenCV, Keras, Spring, Jersey
Software	Visual Studio Code, JetBrains Suite, Microsoft Office

## Related Experience

### URBN

Software Engineering Co-op

Philadelphia, PA  
September 2018 to March 2019

Develop user facing store interface and React Redux components for URBN branded websites  
Update browsing components on all user facing websites based on designers' requests  
Assisted with development of PWA based brand site with Vue.js, Vuex, and express

### Penn Mutual Life Insurance

Software Developer Co-op

Horsham, PA  
September 2017 to March 2018

Developed and maintained REST API to integrate databases with other in-house services and endpoints  
Created machine learning application to parse information from hand written documents

### 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

## Relevant Coursework

Advanced Programming Techniques	Introduction to Computer Vision	Linear Algebra
Systems Programming	Web and Mobile Application Development	Machine Learning
Data Structures	Introduction to Optimization Theory	Scientific Data Analysis

## Teaching Assistant

June to Present	CS 283: <i>Systems Programming</i>	Drexel University, Philadelphia, PA <i>Worked under Dr. William Mongan</i>
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Assisted with grading students

Covered wide variety of subjects pertaining to programming for systems like IO, concurrency, and network programming

April to June 2019	CS 265: <i>Advanced Programming Techniques</i> <i>Worked under Prof. Kurt Schmidt</i>	Drexel University, Philadelphia, PA
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Assisted with grading students in multiple lab sections

Mentored students on Linux fundamentals and a variety of programming languages

March to June 2018	CS 172: <i>Computer Programming II</i> <i>Worked under Dr. Matthew Burlick</i>	Drexel University, Philadelphia, PA
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Assisted with grading and monitoring students in multiple lab sections

Tutored students on basics of programming in Python 3

## Activities

2018	Participant, Philly Codefest	Drexel University, Philadelphia, PA
2017	Volunteer, GEAR UP	West Philadelphia High School, Philadelphia, PA
2016 to 2017	Pep Band	Drexel University, Philadelphia, PA