

# Timothy S. Walsh

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## Education

**University of Cincinnati**, Cincinnati, OH

**Class of 2020**

- Bachelor of Science in Computer Science, College of Engineering and Applied Science
- Minor in Mathematics, College of Arts and Sciences
- Cumulative grade point average 3.05/4.00

## Employment

**Donnelly Financial Solutions**, Chicago, IL

**Winter 2019 – Current**

### **Data Analyst Intern**

- Consolidated design of file processing solution under Publisher-Subscriber architecture model
- Monitor software releases and perform emergency debugging of production defects
- Develop solutions on Azure Cloud
- Complete work items and proofs of concept in an agile environment
- Developed authentication server using Identity Server 4, OpenID connect and OAuth
- Implemented Auth0 authentication to meet production security requirements

**Siemens PLM Software**, Milford, OH

**Spring 2017 – Summer 2018**

### **Software Engineering CO-OP**

- Led development of server responsible for collection of analytical data on Teamcenter web client utilized by customer base. Coordinated with installation, client, integration and server teams; including communication with managers
- Performed server-side and client-side development of auto test suite for Teamcenter
- Developed user interface elements for rich active client and web client
- Completed deliverables individually as well as with development teams

## Technical Experience

**High School Teaching Assistant**, Riverside, IL

**Fall 2013 – Spring 2015**

- Assisted over 50 students in development in Advanced Placement Computer Science course
- Debugged and taught Java code to students
- Graded Java quizzes for syntax

**Samsung Mobile App Academy**, Chicago, IL

**Summer 2013**

- Selected for two day application design boot camp led by professional developers
- Worked in team of high school student attendees to create application wire frames

## Skills

- Programming Languages: C#, JS, ReactJS, CSS, C++, Java, JavaScript, XML, HTML, Windows Batch, Python, Matlab, ARM assembly, MIT App Inventor, LaTeX, BASIC
- Software: Visual Studio, Eclipse, Visual Studio Code, Notepad++, Azure Portal, Microsoft Office Suite, Auth0, IdentityServer4
- Operating Systems: Windows 7 through 10, linux, Debian, Red Hat

## Activities

**Phi Sigma Kappa Fraternity University of Cincinnati**

**Fall 2015 – Current**

### **Vice President**

- Founder Father of Cincinnati chapter
- Develop and maintain budget plans
- Serve as head of philanthropy, community service, brotherhood, recruitment and social events

**University of Cincinnati Rugby Football Club**

**Fall 2015 – Current**

- Elected field chair for 2016-2017
- Played on Division I AA 3rd place team in national competition