

# Madelyn Reyes

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## Professional Experience

### UBS Software Engineer Intern

June 2018-August 2018

- Implemented system tests on a middle office system written in Java that processes corporate actions.
- Took part in various projects such as adding new functionality for a chatbot in the Microsoft LUIS framework and creating a SharePoint solution for supervisor to employee mappings.

### CoreCivic IT Intern

July 2017 - May 2018

- Resolved issues with user's software and computers and prepared equipment for employees.
- Managed software and equipment migrations using tools like SCCM and Active Directory.

### Lipscomb College of Computing and Technology

#### Teacher's Assistant

January 2017 - May 2018

- Worked as the T.A. for Web Development classes where I graded assignments and reviewed student's code, created special assignments, and managed the online course material.

#### Classroom Research Assistant

August 2016 - January 2017

- Worked as a professor's assistant where I researched new topics for future classes, assisted in creating classroom assignments, and helped with classroom duties.

#### Programming and Web Development Tutor

January 2016 - Present

- Helped students find and correct errors in their code and provided instruction on website structure and design.

## Education

### Lipscomb University, Nashville TN

Expected graduation: May 2019

Majoring in Computer Science with a concentration in Software Engineering and a minor in Mathematics.

## Honors and Awards

Currently part of Lipscomb's Honors College, vice chair of the ACM Student Chapter, and recipient of the Scarlett Family Foundation STEM Scholarship Program.

Upsilon Pi Epsilon secretary, member of the W. E. B. Du Bois Intercultural Honors Society, and SIGHPC Computing4Change competition participant.

## Relevant Skills and Coursework

- **Programming Languages:** Proficient in Java, Python, HTML/CSS, Javascript and SQL. Familiar with C#, and C++. Prior experience in Typescript, Php, and R.
- **Development/Design Tools & Frameworks:** Git, Xcode, React Native, Android Studio, Bootstrap, WordPress, Maven, Spring, JBehave, JDBC, Hibernate and Oracle Database. Prior experience with Illustrator, InDesign, and Photoshop.
- **Coursework:** Data Structures and Algorithms, Object Oriented System and Design, Database Management, Artificial Intelligence, Agile Software Development, Design and Analysis of Algorithms, and Computer Graphics.
- **Volunteer Work & Other Skills:** Sunday school teacher and church musician, 4+ years. BDPA assistant instructor (helping middle and high schoolers learn how to code), summer 2018. Fluent in English and Spanish.