

# Maria Alexandra Theodorescu

Computer Science, Software Development Concentration

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## EXPERIENCE

### DePaul University, Chicago, IL — *Assistant for the Associate Provost for Research*

Oct 2020 – Present

- Using NLP topic modeling technique to analyze data
- Participating in weekly meetings about current and upcoming research projects and events
- Maintaining VIDA group website
- Host team member for NSF Computer Information Science and Engineering REU Site PI meeting 2021

### DePaul University, Chicago, IL — *Undergraduate Research Assistant, Data Science Center*

Feb 2020 – Present

- Implementing Materials Science research using python and various data clustering techniques
- Participating in weekly research meetings with the VIDA group

## EDUCATION

### DePaul University, Chicago, IL — *Computer Science*

September 2019 - Present (Junior)

Computer Science, Software Development Concentration

3.98/4.00 GPA

### Neuqua Valley, Naperville, IL — *High School*

August 2015 - May 2019

IPSD Scholar, AP Scholar, AP WE Service Recognition, Girls who Code Program

## RELEVANT PROJECTS

### Human-In-The-Loop Clustering Dashboard for Materials Structure Exploration — NCUR 2021 Accepted Poster Presentation

[https://apps.cur.org/ncur2021/search/Display\\_NCUR.aspx?id=110627](https://apps.cur.org/ncur2021/search/Display_NCUR.aspx?id=110627)

## SKILLS

Python, Java, HTML, CSS

Data Analysis

Research

Machine Learning

Jupyter, Visual Studio Code, Eclipse, IntelliJ IDEA

Adobe InDesign

## RELEVANT ACHIEVEMENTS

- Motorola Solutions Foundation Scholars Program 2022
- DePaul Scholars Award, Dean's List
- Visual Informatics and Data Analytics group member at the Data Science Center, DePaul University
- DePaul STEM Research Showcase Presentation, April 2021

## LANGUAGES

English, Romanian, Spanish