

Maria Alexandra Theodorescu

Computer Science, Software Development Concentration

1 E Jackson Blvd, Chicago, IL 60604

EXPERIENCE

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

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

Oct 2020 – Present

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

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

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

SKILLS

Python, Java, JavaScript

HTML, CSS, JQuery

Research, Data Analysis

Machine Learning techniques and algorithms

Jupyter, VS Code, Eclipse, IntelliJ IDEA

Adobe InDesign, GIMP

ACHIEVEMENTS

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

LANGUAGES

English, Romanian, Spanish