

Joseph A. Tomasello

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EDUCATION

KEAN UNIVERSITY

B.S. IN COMPUTER SCIENCE –
INFORMATION SYSTEMS
Expected: May 2023 | Union, NJ
Dean's List: SP22
Clubs and Organizations: Association
for Computing Machinery (ACM)
Cum. GPA: 3.93 / 4.00

HONORS/AWARDS

NSF S-STEM Scholarship (Fall 2022 –
Present)
LSAMP Scholarship (Fall 2022 –
Present)

SKILLS

PROGRAMMING LANGUAGES

Over 5000 Lines:

Java • C • C++ • Python

Over 1000 Lines:

HTML • JavaScript • CSS

Familiar:

SQL

SOFTWARE

Integrated Development
Environments (IDEs):

Apache NetBeans • Visual Studio •
Visual Studio Code • Eclipse •
PyCharm

RESEARCH EXPERIENCE

CAHSI Research Experiences for
Undergraduates (REU) Program:
Summer 2022
Louis Stokes Alliances for Minority
Participation (LSAMP) Program: Fall
2022 – Present
Kean Research Recruit Program: Fall
2022 – Present

PROJECTS

NATURAL LANGUAGE PROCESSING (NLP)

PROJECT | RESEARCH ASSISTANT

Summer 2022 | Kean University | Union, NJ

- CAHSI Research Experiences for Undergraduates (REU) program, with funding from the National Science Foundation (NSF)
- Conducted a sentiment analysis and created a topic model using a dataset consisting of approximately 1.2 million posts related to mental health collected from Reddit.com
- Identified emotion and topic-based trends in order to discern how the subject of mental health is discussed in online spaces
- Language: Python

OBJECT-ORIENTED SOFTWARE DEVELOPMENT

PROJECT GROUP | DEVELOPER

Spring 2022 | Kean University | Union, NJ

- Collaborated with a team of 4 peers to conceive, design, document, and implement a functional mock website following an online retail model
- Worked across the software development life cycle
- Languages: HTML, CSS, JavaScript

NODE.JS APPLICATION PROJECT | DEVELOPER

Spring 2022 | Kean University | Union, NJ

- Developed a database-connected node.js software application designed to gather and display sales leads
- Implemented signup, login, logout, and administrator (authorization-based) account features
- Languages: HTML (PUG), JavaScript, SQL

RESEARCH PRESENTATION

[1] J. Tomasello and D. Kwak, "Reddit as a Forum for Discussions on Mental Health," in *34th Annual GMIS Conference*, Pasadena, CA, October 5-8, 2022. --- under review