Joseph Demcher

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OBJECTIVE

Highly organized and passionate undergraduate student seeking an internship in a dynamic and professional environment where I can utilize my creativity, problem-solving skills, along with putting to great use my critical and innovative thinking to benefit the organization.

EDUCATION

New Jersey Institute of Technology, Newark, New Jersey   *expected graduation date May 2020*

- Pursuing a Bachelor of Science degree in Computer Science and Mathematical Sciences
- GPA: 3.329 / 4.00 - enrolled in the Albert Dorman Honors College at NJIT
- Dean's List – Fall 2016, Spring 2017, Fall 2017, Spring 2018, Fall 2018

RELEVANT COURSEWORK

Data structures	Computer Architecture	Algorithms
Networking	Program Implementation	Numerical Analysis

SKILLS

- Proficient in Java, Python, C++, C, MATLAB, JavaScript, and R.
- Ability to develop and test programs or databases, correct errors and make necessary modifications.
- Adept at web development, debugging, and end-to-end coding.
- Certifications and expertise in the Microsoft Office Suite and Bloomberg Market Concepts.

WORK EXPERIENCE

New Jersey Institute of Technology, Newark, NJ
Resident Assistant – Albert Dorman Honors Hall   *January 2018 to present*

- Responsible for the development of a community, and overall wellbeing of 80+ undergraduate residents.
- Developed and conducted programs on diversity, professional growth, personal development, relationships, security, and academic performance.
- Managed administrative tasks including regular room inspections, maintenance requests, and incident reports.

New Jersey Institute of Technology – Martin Tuchman School of Management, Newark, NJ
Teaching Assistant – Financial Literacy Camp   *June 2018 to August 2018*

- Aided in the immersion of intensive hands-on introduction to financial management and investments.
- Facilitated and empowered group discussions on matters from risk management to financial institutions.

New Jersey Institute of Technology – Ying Wu College of Computing, Newark, NJ
Undergraduate Teaching Assistant – CS 100   *September 2017 to May 2018*

- Contributed to the development of effective teaching materials, techniques and methods.
- Delivered a range of assessment activities including tutorials directed towards the delivery of course content.
- Assisted with the ongoing development and redesign of the incoming student curriculum.

ACTIVITIES AND ORGANIZATIONS

Circle-K – New Jersey Institute of Technology Chapter, Newark, NJ   *October 2016 to present*
Executive Board Member – Event Coordinator

- Coordinated and lead a team to execute campaigns and service-based initiatives, directing 300+ volunteers raising funds to support various charities and causes to empower society.

JerseySTEM, Newark, NJ   *January 2017 to September 2018*
Coding Mentor

- Prepared activities to engage student interest and participation while explaining complex computer science concepts in a manner equivalent for their grade level (ranging from 5th to 8th grade).

CoDaS Lab – Rutgers University, Newark, NJ   *March 2017 to December 2017*
Undergraduate Research Assistant

- Assisted in the research and development of statistical image analysis tools meant to alter, through visual means, and measure human cognition.

References:

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