

PROFESSIONAL EXPERIENCE

Statistics Research Assistant – Mentored Undergraduate Summer Experience, The College of New Jersey. Summer 2016

- Creation of structural equations and graphical models to understand the limits of learnability of cell signaling networks based on high-throughput biological measurements with a focus on cell signaling networks in head and neck squamous cell carcinoma

Graphic Designer – Student Activities and Leadership, The College of New Jersey. September 2014 - Present

- Provision of graphic design services to student and faculty organizations including logo design; flyer/poster art and typography, and design and implementation of mural art

Operations Intern – TerraCycle Inc., Trenton, New Jersey. December 2015 – April 2016

- Analysis of shipping operations through manipulation of Excel spreadsheets
- Improvement of zero-waste office collection program

Statistics Project Manager – The Rainbird Foundation, Madison, Wisconsin. December 2014 – October 2015

- Retrieval of state by state statistical data from governmental organizations
- Analysis of child abuse data collection methods

Volunteer – South Jersey Land and Water Trust, Glassboro, New Jersey. August 2014

- Record and submission of GPS location data on invasive plant species to the New Jersey Department of Environmental Protection

Mathematics Tutor, Seaville, New Jersey. September 2012 – June 2013

- Provision of high school level Algebra and Geometry tutoring services

Volunteer – The Wetlands Institute, Stone Harbor, New Jersey. June - August 2008

- Presentation of educational children's programs about sea life
- Daily upkeep and care of live animal exhibit

SKILLS AND CERTIFICATIONS

Base Certification for SAS 9, July 2015

Working knowledge of SAS, R, Microsoft Office Suite, Adobe Creative Suite, HTML and CSS

Basic knowledge of SPSS, Minitab and MatLab

EDUCATION

The College of New Jersey, Ewing, New Jersey. Expected May 2017

- Bachelor of Arts: Major in Mathematics, Specialization in Statistics, Minor in Graphic Design
- GPA: 3.71/4.00

LEADERSHIP POSITIONS

The College of New Jersey Environmental Club, President. May 2016 – Present

- Development of programs and activities meant to expand membership and presence on campus
- Establishment of working relationships with The College of New Jersey faculty and administration in expansion of club's involvement in development of a more environmentally sustainable campus
- Planning and leadership of weekly general meetings and executive board meetings

The College of New Jersey Environmental Club, Secretary. May 2015 – May 2016

- Development of new organization identity and logo
- Oversight of organization e-mail correspondence, social media presence and website development
- Record and distribution of general meeting minutes

HONORS AND AWARDS

Deans List. Spring 2014, Spring 2015, Fall 2015 and Spring 2016

TCNJ Merit In-State Scholarship. Fall 2013 - Present

Cape May Kiwanis Club Scholarship. Fall 2013

Upper Township Rotary Club Academic Achievement Scholarship. Fall 2013