

Susan Knight Monsey

skmonsey@iu.edu | www.susanmonsey.com | 703-403-4498

I am open to opportunities in the Oklahoma City metro area that could combine my computer science degree with technical training in data management, system administration, and IoT/sensor research with fifteen years of marketing, recruiting, public speaking and program management experience in the field of college admissions.

Education

Indiana University – Bachelor of Science in Computer Science
Specialization: Computer Systems
GPA: 3.75 / 4.0

May 2020
Bloomington, IN

University of Delaware – Bachelor of Arts in International Relations
Minor: Sociology
GPA: 3.3 / 4.0

June 1991
Newark, DE

Relevant Experience

Indiana University, Research Assistant

October 2018 – July 2019

- Programmed and updated the Craftec toolkit system, changed system from static to dynamic I/O.
- Evaluated commercially available Arduino microcontrollers for I/O flexibility and power requirements.
- Integrated wireless capability in the toolkit & enabled communication with Raspberry Pi through Bluetooth LE.

Indiana University, ProHealth Research Experience for Undergraduates

May 2018 – July 2018

- Conducted market research to select environmental monitoring stations which were installed on the Indiana University campus and in various locations throughout the City of Bloomington.
- Collected weather data every five minutes through cellular transmission or Bluetooth signal.
- Evaluated database data on near-surface air temperature, relative humidity, and soil moisture data to research impact of varying types of land cover on urban heat islands.

Work Experience

University of Delaware


• **Senior Associate Director of Admission**

July 2005 – June 2008

- Directed the selection of the freshman class. 
- Coordinated evaluation of more than 23,000 applications for an entering freshman class of 3,450.
- Chaired the Honors Admissions Committee 

• **Associate Director of Admission**


September 1997 – June 2005

- Supervised planning and implementation of Honors Program recruitment events.
- Selected finalists for the University's Distinguished Scholars competition.
- Directed recruitment travel throughout the United States and abroad 

Mount Vernon College

• **Director of Admission**, Mount Vernon College

February 1996 – September 1997

- Developed and improved computer database tracking and reporting mechanisms.
- Increased overall college enrollment by 82% over two recruiting cycles. 
- Expanded the number of enrolling international students and countries represented.

• **Associate Director of Admission**, Mount Vernon College

July 1995 – February 1996

• **Assistant Director of Admissions**, Mount Vernon College 

April 1994 – July 1995

Technical Skills

Computer Languages: C, Java, PostgreSQL, UNIX, R (beginner), CGI (beginner), PHP (beginner)

Certifications: Certified Salesforce Administrator (2019)

Technical Experience: Prototyping, Laser Cutting, 3-D Printing