

Caroline Koshuta

11328 Hall Road, Lewes, DE, 19958

703-209-7765 | [carolinekoshuta@yahoo.com](mailto:carolinekoshuta@yahoo.com) | LinkedIn: [linkedin.com/in/carolinekoshuta](https://www.linkedin.com/in/carolinekoshuta)

## **Professional Summary**

Results-oriented professional with a B.S. in Computational Systems Neuroscience. Proficient in Python, R, and MATLAB, with expertise in machine learning, data analytics, and team leadership. Adept at translating complex data into actionable strategies to optimize processes and drive key metrics.

## **Professional Experience**

### **Retail Manager**

Michael Kors Outlet, Rehoboth, DE (Aug 2024 – Dec 2024)

- Achieved a \$9M year-end sales goal by driving bulk sales and increasing revenue by 20%.
- Implemented targeted campaigns to maximize engagement and drive sales.
- Developed data-driven inventory and promotion strategies, improving sales performance by 15%.
- Trained and motivated a team of 20 employees, enhancing customer satisfaction by 12%.

### **Computational & Modeling Data Analytics Tutor**

Virginia Tech, Blacksburg, VA (2022 – 2024)

- Guided students in MATLAB-based modeling projects, improving accuracy and understanding by 20%.
- Simplified complex programming and data visualization concepts.
- Collaborated on advanced model design and troubleshooting for real-world applications.

### **Biomedical Engineering Research Assistant**

Virginia Tech and Wake Forest Graduate School (2021 – 2022)

- Conducted financial analysis ensuring precise budget management.
- Designed and refined biomedical models using AutoCAD.
- Performed cost analyses, reducing project expenses by 10%.
- Collaborated with multidisciplinary teams on innovative biomedical research.

**Education**

B.S. in Computational Systems, Concentration in Neuroscience  
Virginia Tech, Blacksburg, VA (Graduation: 2024)

**Key Skills**

- Statistical modeling and machine learning
- AI algorithm development
- Python, R, MATLAB, SQL
- Data visualization (Tableau, Power BI)
- AutoCAD for engineering applications
- Technical communication and stakeholder management

**Awards & Achievements**

- Dean's Cup Award, Northern Virginia Community College (2019)
- Scholarship, Virginia Tech (2019)

**Languages**

- Russian: Intermediate Proficiency

**Volunteer Work**

- Founder & President, Women in Neuroscience, Virginia Tech (2021 – 2024)
- Event Organizer, Take Back the Night (2022)

**References Available Upon Request**