

ELIZABETH COLLINS



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Charlotte, United States
28211

PROFESSIONAL SUMMARY

Enthusiastic Software Engineer eager to contribute to team success through hard work, attention to detail and excellent organizational skills. Clear understanding of programming and training in data analytics. Motivated to learn, grow and excel in machine learning industry. .

SKILLS

- Data Analysis
- Front-End Development
- Source and Version Control: Git, GitHub
- Python
- JavaScript
- C++
- Organization and Time Management
- Compiling Data
- Quantitative Modeling
- Extraction Transformation and Loading (ETL)
- Excel Formulas
- Applied Statistics

EDUCATION

University of North Carolina At Charlotte

Charlotte, NC • Expected in 11/2022

Certificate: Data Analytics And Visualization

- Professional development completed in Excel, VBA,

WEBSITE, PORTFOLIO, PROFILES

- <https://github.com/encollin94>
- www.linkedin.com/in/elizabeth-collins-298280123

WORK HISTORY

The Vanguard Group Inc. - Client Care Representative Charlotte, NC • 07/2021 - Current

- Discussed trading strategies with portfolio managers to highlight current market sentiment, price points of resistance and support and liquidity characteristics of positions.
- Worked on behalf of companies to buy and sell financial instruments.
- Documented customer interactions and relationships using CRM systems.
- Provided clients with price quotes on securities and financial information on corporations issuing select securities.
- Educated and worked with clients on ROI terms to find accurate solutions.
- Met with members to understand goals and recommend solutions to fit specific needs.
- Contacted prospective customers to present service options and explain details.

University Of North Carolina At Chapel Hill - Research

Python, R, Machine Learning, Git, SQL, HTML, Javascript

North Carolina State University

Raleigh, NC • 08/2017

Bachelor of Arts: Psychology

CERTIFICATIONS

- Series 7 License-(2021)
- Series 63 License-(2021)
- Data Analytics and Visualization Training -(2022)

Technician

Chapel Hill, NC • 11/2017 - 07/2019

- Supported senior management with creation and enhancement of continuous improvement of research procedures.
- Followed research protocols when gathering data and performing lab experiments.
- Supervised 5 employees and achieved on-time, under-budget management on complex issues.
- Reduced project discrepancies by optimizing quality control standards.
- Created spreadsheets using Microsoft Excel for daily, weekly and monthly reporting.

North Carolina State University - Undergraduate Research Assistant

Raleigh, NC • 08/2015 - 08/2017

- Prepared literature for reports, presentations or submission to peer-review journals.
- Implemented and evaluated artificial intelligence and machine learning algorithms and neural networks for University toxicology department.
- Maintained and calibrated various types of lab equipment.
- Performed statistical, qualitative and quantitative analysis.

PUBLICATIONS AND PRESENTATIONS

- H.t.Banks, **Elizabeth Collins**, Kevin Flores, Prayag Pershad, Michael Stemkovski, and Lyric Stephenson. "Statistical error model comparison for logistic growth of green algae(Raphidocelis subcapitata)." Applied Mathematics Letters 64 (2017): 213-22
- Akerman, A. W., **Collins, E. N.**, Peterson, A. R., Collins, L. B., Harrison, J. K., DeV Vaughn, A., Townsend, J. M., Vanbuskirk, R. L., Riopedre-Maqueira, J., Reyes, A., Oh, J. E., Raybuck, C. M., Jones, J. A., & Ikonomidis, J. S. (2021). Mir-133a replacement attenuates thoracic aortic aneurysm in mice. Journal of the American Heart

Association, 10(16). <https://doi.org/10.1161/jaha.120.019862>

- “A Murine Model of Thoracic Aortic Aneurysm” Oral presentation. University of North Carolina at Chapel Hill, Trauma T32 training. November 2018.
- “Applications of droplet digital PCR in cardiovascular research”. Oral presentation. University of North Carolina at Chapel Hill, Department of Surgery Research. August 2018