

# Andrew Lee Rosscoe

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## Education

GPA 3.78

**BACHELOR OF SCIENCE [COMPUTER SCIENCE] | 2020-PRESENT | TOWSON UNIVERSITY | GRADUATION SPRING 2023**

**BACHELOR OF SCIENCE [CELL AND MOLECULAR BIOLOGY / MINOR BIOCHEMISTRY] | 2018 | TOWSON UNIVERSITY**

## Qualifications

- Java, Python, Git, Linux, Gephi
- Microsoft Dynamics 365 and Azure
- Exceptional problem solving and mathematical skills
- Statistical data analysis and interpretation
- Strong written and professional verbal communication
- Superior ability to grasp new concepts and quickly apply them correctly

## Experience

**SOFTWARE ENGINEER INTERN | GENERAL DYNAMICS MISSION SYSTEMS | HANOVER, MD | 2022 – PRESENT**

- Researched specific topics in artificial intelligence and machine learning
- Code construction and development in Python to deploy a statistical analysis application
- Developed a web application for the project using Flask
- Managed files and testing applications using AWS and Linux
- Created and conducted a presentation to summarize findings with the team and company.

**SUPPORT CONSULTANT | PROTECH ASSOCIATES & TOGETHERWORK | COLUMBIA, MD | 2020 - 2022**

- Provide custom AMS Microsoft dynamics 365 support to broad range of professional associations
- Troubleshoot UX business processes, reports, integrations, data integrity, and MX configuration modules
- Query client specific information and develop workflows to enhance existing processes
- Manage client support case queue, documentation of system issues, and escalations to developmental departments
- Educate users on navigation and functionality

**LABORATORY TECHNICIAN I [BIOSURGERY] | SMITH & NEPHEW | ELKRIDGE, MD | 2018 - 2020**

- Manufactured medicinal product utilizing human placental tissue
- Proper execution of aseptic techniques inside and out of cleanrooms
- Excellent knowledge of GTP cGMP practices in the biotechnology field
- Provide quality assurance support for documents and processes
- Participated in corporate quality and process improvement initiatives

**SERVER & BARTENDER | THE MELTING POT | TOWSON, MD | 2016 - 2018**

- Provided consistent high-rated customer service with company reviews
- Consistently retained top sales position each month
- Developed new recipes and ideas to attract additional sales

**NASM CPT CERTIFIED PERSONAL TRAINER | INDEPENDENT / SYNERGY FX | ELLICOTT CITY, MD | 2015-2017**

- Developed personalized exercise and nutrition programs
- Lead and instructed group fitness classes
- Marketing for personal fitness brand and associated partners

## Classroom Experience

**DATA STRUCTURE / ALGORITHM ANALYSIS | TOWSON, MD**

- Describe and explain issues involved in classical data structures
- Design and implement object-oriented programs competently and independently
- Complex analysis of data structures, trees, graphs, and search algorithm

**SOFTWARE ENGINEERING | TOWSON, MD**

- Methodology of designing and programming for a wide area of applications.
- Emphasis on agile production, modifiability, and efficiency understanding.