ALEC ALAN JACKSON

alecalanjackson@gmail.com – (914) 523-9987 – Philadelphia, PA

EDUCATION

Rochester Institute of Technology
Bachelor's of Science Computer Science

Aug 2018 – May 2023
Rochester, NY

- GPA: 3.55

WORK EXPERIENCE

Advanced Technology Corporation
Software Engineer

June 2023 – November 2023
Remote

- Developed backend and frontend features for a veterinary medical software website using JavaScript, PHP, SQL, and Perl.
- Customized features based on direct communication with clients.
- Converted legacy code to the company's modern application.

Vectrus
Technical Analyst Co-op

January 2023 – May 2023
Remote

- Developed and maintained features for order tracking website with a C# and .NET backend, and a Javascript frontend.
- Designed dashboards using performant SQL queries that handled sensitive classified data.
- Performed database updates and fixes according to specifications from the client.

Orolia
Software Engineer Intern

June 2021 – May 2022
West Henrietta, NY

- Worked in an Agile environment to develop a product tracking application using Python and SQL.
- Gathered requirements across several departments to design internal tools that improved the organization's workflow.
- Increased team's focus on automated testing and code quality.

ID Tech
Online Learning Instructor

July 2020 – May 2021
Remote

- Taught Python, Java, JavaScript, and C++ to children aged 10 to 18 online.
- Developed custom lesson plans to improve the methods of teaching computer science concepts.

Rochester Institute of Technology
Student Lab Instructor

August 2020 – May 2021
Rochester, NY

- Assisted with the instruction of computer science lab sessions and provided tutoring to the students.
- Designed Python and Bash scripts to make grading assignments more efficient.

People's Kitchen
Volunteer Community Chef

Febuary 2023 – Present
Philadelphia, PA

- Coordinated volunteers to prepare large quantities of free meals using improvised recipes.