**John Ingram**

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ASRC Federal

Dear recruitment team,

My name is John, and I am applying for the position of software engineering intern/Co-Op. I am a sophomore at UAH, currently working towards a bachelor’s degree in computer science, which I plan on completing in May of 2023. I just spoke to Mr. Stables at my school’s career fair and am excited to apply. I believe that my work experience of writing and shipping software for a multinational, multi-million-dollar company, as well as my experience gained in personal projects would make me a valuable asset ASRC.

From the age of eight, I have been learning to write software. I started with C++ before teaching myself other languages like C#, Python, and Java. In my Junior year of high school, I was blessed to be able to take my first real programming course, taught by a teacher who understood what it meant to work as a software engineer in the real world. In the two years of courses that I took with him, he taught me the Object-Oriented Paradigm, and most importantly, how to apply it when working on projects with more than one team. Through him, I gained project experience modeling classes and methods in UML, testing them using unit and integration tests, implementing them in smaller teams, and finally integrating the work of many teams into one working system.

When I got to college, I started a position as a software engineering co-op at ADTRAN, a carrier grade networking and communications provider. There, I was placed on a research and development team. At first, I was given fairly routine tasks, as I was the first freshman co-op that team had ever had, but within a few weeks I had proven myself and worked as a full team member on my own SAFe stories. While at ADTRAN, I got the chance to work on many different parts of our product. Initially, I wrote unit and integration tests using Python and Behat. I then moved on to writing CLI commands for our customers to interface with. Later in my term, I wrote and debugged C and C++ code in our technology stack, as well as writing a chipset driver for a new variation of our product using C.

I believe that my project and work experience make me a qualified candidate for a software engineering internship at ASIC. I have also uploaded my resume, which includes more details on my experience. I would enjoy being able to talk more with you to elaborate on my qualifications.

Thank you for your time,

John Ingram