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I am pleased to apply for the bridge program at New York University. I am good at software engineering, and the reason I am applying for the bridge program is so that I can enroll in computer science academic program. A career in software engineering is indeed my passion, and, therefore, I will give it my full dedication, devotion, and commitment.

Although I am an economics graduate from the University of Texas at Austin, I have a solid background in mathematics and basic programming. I enrolled for an introduction to databases (SQL) course and attained an A in the class, consequently acquiring skills and knowledge on algorithms and methodical processes which aid in the representation, acquisition, processing, communication, storage, as well as access to data. I also took a management information systems course and made an A- in the class. In a management information system course, I learned CSS and HTML, thus, comprehending how websites are developed, and content managed on the web pages. Besides, I made an A- in an econometrics class where I acquired adequate skills on how to use STATA. Currently, I am in the process of completing Python specialization through Coursera at the University of Michigan where I learned fundamental programming concepts including networked applications, program interfaces, and databases using the Python 3 language. I was completely unversed with programming and found Python as the best programming language to indeed start with.<sup>[6]</sup> Once I succeed in the bridge program, I will focus on completing a master's program in computer science at New York University and thereafter secure a job as a software engineer where I will endeavor to give the best solutions. The world is embracing technology and corporations that are determined to provide services in an efficient manner, hence, there is a high demand for computer systems.

I am currently working at PricewaterhouseCoopers, LLP in the valuation and business modeling practice. While undertaking my duties, I have been able to perform computer-related tasks, hence, gaining insights on programming and analysis. Further, I was a financial analyst while working as an intern at Warner Bros Entertainment in Los Angeles, California. At Warner Bros Entertainment, I performed numerous variance analyses comparing quarterly revenue forecasts to WB's current long-term revenue prediction. I worked as an intern with the finance and operations team at Cognitive-Scale which is an augmented intelligence software firm in Austin. At Cognitive-Scale, I learned that augmented intelligence happens to be an alternate conceptualization of "artificial intelligence" that concentrates on the assistive role of artificial intelligence, stating that "cognitive technology" is indeed designed to improve human intelligence, instead of replacing it. Therefore, having computer science education will help me understand and apply both machine learning and artificial intelligence in the future because organizations are swiftly adopting AI in their processes.

While working in finance, I realized that numerous processes are completed manually and subsequently noticed wastage of resources on basic and repetitive tasks. I, therefore, want to learn computer science so that I can find a solution and automate the inefficiencies in the corporate world. Indeed, I enjoyed learning computer-related skills at the University of Michigan and strongly felt I have the logical thinking needed in programming and coding. I believe my experience and skills have significantly prepared me for a computer science program and, therefore, I am fit for the bridge program.