



Sample Personal Statement for Internship

I was introduced to the domain of computing science during my high school. My Computer Science teacher was one Mr. Avesh K**** who had a magnetic personality and panache for tutoring. Under his guidance, I was introduced to the basics of programming languages like C and C++. I was really fascinated to learn how through specific codes I could design and develop interfaces and minor applications. By the time I was in my intermediaries, I was addicted to coding and programming. Through constant experimentation, I was able to learn how polymorphic and dynamic various object oriented programming languages were. Because of C++'s exemplary characteristics, I was able to design their syntax with minute specifications to boost operating system performance. I also learnt that procedural frameworks could be utilized in scientific research to analyse large data sets. By the time I completed my basic schooling, I had a concrete foundation in CS.

As the time came for me to establish my individual and professional objectives, I made the conscious choice to pursue a field that would give me a sense of accomplishment while also having a significant impact on humanity. It became clear to me that a profession in computer science would allow me to achieve these goals. My ever-growing dedication to CS has been coagulating for years, in hindsight. Hence, I decided to pursue a bachelor's degree in Computer Science from the reputed Navkar Institute, Ahmedabad. This institution's instructional setting has tremendously aided in the development of my quantitative and analytical skills. I have acquired a good foundation in basic areas including Data Structures, Computer Networks, Algorithm Analysis, Computer Architecture, and Programming Languages via my studies. During this time, I have worked on a number of research projects that have helped me better grasp theoretical concepts and how they might be used in practise.

I am currently in my fifth semester and I am working on the project "Mental Health App". The objective of the project is to develop an application that analyses the psychological condition of a user utilizing inputs provided by them. Psychological health is very important in today's society and my research shows that a lot of people are suffering from mental health issues and other related ailments. In the application, I have employed UI to improve the user interface and Cloud Firestore to make data analysis and storage more efficient. Machine Learning and AI are other domains that I am interested in. I had recently come across a research article titled "AI and machine learning techniques for managing complexity, changes and uncertainties in manufacturing" which investigates how pattern detection, genetic algorithms, evolutionary algorithms, and composite artificial intelligence approaches are used in manufacturing today. I was fascinated by this study and would like to take up research in AI during my final year.

As I am approaching my summer vacation, I have decided to spend my time at a top IT organization as an intern in order to gain hands-on training and exposure to the corporate environment. I have learnt about the summer internship program offered by Tata Consultancy Services through my professors and I would very much like to be a part of this initiative. Your organization would be the ideal training ground for a budding computer science professional like myself. I intend to work under the application development department on the "Mental Health App". I have been facing a lot of bottlenecks and obstacles especially in developing a prototype and wireframing. I am confident that under the guidance of experts at TCS, I would be able to successfully complete this project. I have also been keeping tabs on the AI research being conducted at TCS and I would be more than willing to provide assistance on projects related to this research.

I am attaching copies my resume and other certificates as proof of my credentials. I am also attaching a letter of recommendation from the HOD of CS Department at our institution. I would request you to thoroughly assess them and evaluate my application.