

Chongqing University of Technology

## Professional Internship Report

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# **1. Introduction to the intern company**

An internship is an opportunity offered by an employer to potential employees, called interns, to work at a firm for a fixed period of time. Interns are usually undergraduates or students, and most internships last between a month and three months. Internships are usually part-time if offered during a university semester and full-time if offered during the vacation periods. An internship should give you practical skills, workplace experience and greater knowledge of that industry, in exchange for the employer benefiting from the labor. So finally that was the time for me to join a company and finish my intern as a software engineer. From earlier I have a wish that I will join in a company as a software engineer. This was the period of time that I worked in Techno IT World Software Company LTD as a junior software engineer. This is a professional e-commerce and software development company in Bangladesh providing a range of affordable custom website design, inexpensive e-commerce web site design services to clients across the world Techno IT World Software Company LTD Techno IT World Software Company LTD Technology Solutions was established in 2015 to provide information technology solutions for small to medium-sized businesses. their mission from the very first day has been to cultivate professional relationships with their clients to provide effective and reliable information technology solutions for their needs. The team at Technology Solutions is equipped with a highly developed skillset developed over decades of experience not only in information technology but also in business processes across a range of industry sectors. This business experience

makes us uniquely positioned to offer solutions promising greater operational efficiency, productivity gains and cost savings for each of their clients, regardless of their industry. As an established technology-intensive company, the Techno IT World Software Company LTD pride ourselves on providing a comprehensive suite of solutions comprising of infrastructure consultancy, on/offsite services, custom software and web development, software and web application testing, and enterprise architecture consulting. The Techno IT World Software Company LTD team consistently delivers state-of-the-art solutions in various areas including, but not limited to, integrated business solutions, system applications, product development, Internet/Intranet applications and communication & network management services. At Technology Solutions, we guarantee rapid, reliable and robust information technology solutions that work.

## **1.1 Situation of the company**

Every company has a situation on their way, the company Techno IT World Software Company LTD's situation is experience has taught us that to provide any solutions. they need creativity and lots of inspired thinking, their experienced professionals along with the 'let-us-do-it' attitude of the fresh talent is constantly pushing the horizons their values of Integrity, Service, Candor, Kindness, Growth and Continually Increasing Competence govern their behavior towards all their stakeholders. The Techno IT World Software Company LTD's vision and mission is

an amalgamation of their corporate philosophy and their motto of providing next generation IT services. To envision, design and construct the most magnificent software development and web development services; to contribute tangibly in overall success of the customers and provide highest Return on Investment to their customers. Quality, Customer Satisfaction, Transparency and Corporate Responsibility are the pillars of our vision and mission and form the cornerstone of our approach that we bring to every engagement. In short their Vision & Mission can be easily summed up as “To use their industry insights and domain experience to their advantage and provide innovative, high quality, superior and cost effective solutions that brings overall growth to the Techno IT World Software Company LTD’s customers. “At Techno IT World Software Company LTD they believe when creativity, technology and marketing combine through strategic planning incredible results are achievable. With the best interest of their clients in mind, their actions are always focused on conversions and business growth. Lots of firms offer online marketing assistance. the view of clients as partners, and their success is only measured by the success of their partners. So they put it all on the table in order to exceed expectations. The Techno IT World Software Company LTD’s know each new project is a gamble, but there is no one they’d rather bet on than themselves. At Techno IT World Software Company LTD, their culture matters. And it reflects in their work. Here, jobs are careers, not just a way to pay the bills. The finished product matters to them because it carries their name. their staff is young, energetic and innovative, and they are never afraid to take risks in an effort to help their

clients. Every member of their team is very passionate about the programming, web as a communications medium as well as a marketplace. For every project, no matter how large or how small, they strive to not only meet your needs, but deliver a showcase in their field. Each of their projects starts with the simple question “How will you measure the success of this project?” Success is critical to their team; whether that success comes in the form of happy clients, loyal site users or solid metrics. To help them better understand the challenges of the project they try to establish not only the goals but what are your current returns, challenges and the opportunities for growth. Techno IT World Software Company LTD is a company where every solution and service is based on innovation. their wide range of services that they provide speak volumes about the skills we possess. Techno IT World Software Company LTD consultants and resources possess strong industry knowledge and domain expertise. With a strong focus on reviving the software development and web development market, Techno IT World Software Company LTD intends to use its skills and bring a brand new approach to the industry. Here is a lowdown on the skills that they possess.

## **1.2 Rules and regulation**

A description is given below of the key ethical criteria regarded by the Company as being essential to the correct operation of the Group and to protecting its reliability and reputation.

### **1.2.1 Ethical Principles**

#### **❖ Legality**

In carrying out its activities and in relationships of any kind and nature, the Group acts in accordance with the applicable laws and regulations in force and with the Set of Rules and internal procedures. The Group regards the observance of all national and international standards as a binding and essential condition. During the execution of their activities, the Group's collaborators are expected to comply with the principles of lawfulness set forth in its regulations. Under no circumstances can the alleged pursuit of the Company's interest or benefit justify actions not in line with a policy of honest and lawful conduct.

#### **❖ Impartiality**

The Company avoids any form of discrimination based on sex, race, class, nationality, language, religion, political and philosophical opinions, political or union affiliation or association, state of health and disability and age, except as provided by the laws in force.

#### **❖ Honesty**

While carrying out their tasks and during all types of interactions, the Group's collaborators are expected to diligently comply with current laws, the provisions of

this Set of Rules and any other internal procedure. In all cases, the Group undertakes to carry out its business with honesty, showing at all times full respect for all parties and competitors.

#### **❖ Correctness and transparency**

During the execution of all types of activities, employees are expected to avoid situations in which transactions are or may appear doubtful or lead to conflict of interests. The Company's collaborators are required to provide complete, transparent, understandable and accurate information so that, in building relations with the Company, Stakeholders are able to take independent decisions with full knowledge of the interests involved, the alternatives and the major consequences.

#### **❖ Confidentiality**

The Group guarantees the confidentiality of all the information that come into its possession and commits to use it in compliance with current laws. Employees are expected not to use nor distribute confidential information for purposes that are not directly connected with their work or outside the Group.

#### **❖ Value of collaborators**

Collaborators are a vital factor in securing the success of the Group. Therefore, the Group carefully protects all its human resources and ensures that their professional



needs are met. Therefore, in managing connections, which require the establishment of legal relationships, the Group requires that authority must be exercised fairly and correctly, prohibiting any behavior that may in any way harm the colleague's personal dignity and professionalism.

### **1.2.2 Rules of Conduct**

#### **❖ Personal Integrity**

The Group guarantees the physical and moral integrity of its collaborators as well as working conditions that are respectful of individual dignity and healthy and safe working environments. To that end, the group will not tolerate any demands or threats aimed at encouraging colleagues to act in a manner contrary to the law and to this Set of rules or to behave in a way that is harmful to the moral and personal beliefs and preferences of each person.

#### **❖ Fair competition**

The Group believes in safeguarding the principles of competition and market freedom and conducts company activities in line with those principles. Depending on its strategies, the Group competes with other companies actively, independently and honestly, in compliance with all laws concerning competitiveness and without promoting or establishing non-competing agreements or contracts with other companies. The Group's collaborators are not therefore authorized to establish with competitors formal or informal agreements aimed at manipulating or dividing the

market or customers, boycotting end-consumers or gaining the monopoly of part or of the whole market. All the Group's business units are expected to comply with the provisions described above and with the guidelines provided by the Group.

#### **❖ Relationships with shareholders**

Shareholders need all the relevant information available in order to guide them in their investment decisions and in the making of company resolutions. Techno IT World Software Company LTD's Group creates the conditions so that there is widespread and informed participation of shareholders in decisions within their remit. It promotes equality of information.

#### **❖ Relationships with Authorities**

The Group fully and scrupulously observes the regulations established by market regulatory authorities, neither denying, hiding nor delaying any information requested by the bodies responsible for their application and actively collaborating during preliminary operations. To guarantee the utmost transparency, the Group undertakes to avoid conflict of interest with Authorities' employees or their relatives.

#### **❖ Enhancement of investment**

The Group takes all the necessary measures to ensure that its economic/financial

performances protect and increase the value of the business in order to adequately remunerate the risk of shareholders.

### **❖ Financial statements**

All transactions and operations carried out must be duly and appropriately posted to allow the competent bodies to check the decisional, authorization and implementation processes. All operations must be supported by adequate documentation in order to allow the competent bodies to verify the characteristics and reasons of each transaction, and to identify the person that has authorized, carry out, posted and assessed each transaction. The Group explicitly forbids its employees from making untruthful or misleading postings in its books or registers, or from hiding or failing to post funds and assets owned by the Group.

## **1.3 Corporate Culture**

When it comes to hiring elite candidates, if you don't have a great company culture, you really don't have anything. Modern candidates rank company culture as one of the most important factors when considering career opportunities, and they can spot a bad company culture from a mile away. It's important that a company culture accurately reflect the organization and its people. The same thing with Techno IT World Software Company LTD's Company. The Techno IT World Software Company LTD work in mission critical environments with large volumes of sensitive

data, so their highly experienced team strives to reduce risk, improve performance and promote sustainable business. Government and state agencies rely on us in designing and implementing end-to-end ID management solutions. they bring innovation not only in their technologies but also in the way we manage their projects and deliver their solutions. their expertise in consultancy, project management, training and support combined with their relentless quest for customer satisfaction through on-time, on-budget and on-spec delivery of complex turnkey solutions, has earned Techno IT World Software Company LTD an enviable reputation in the industry. Techno IT World Software Company LTD builds on its experience and specialized skills to provide national scale IT solutions. It has deep insight in biometrics information involving large population. With dynamic partnerships, Techno IT World Software Company LTD provides turnkey solutions that are sustainable and meet international standards.

Techno IT World Software Company LTD builds on its experience and dynamic partnerships to provide robust and sustainable national IT solutions. Techno IT World Software Company LTD has deployed national scale solutions in Bangladesh, Nepal, Bhutan, Brazil and Canada. We have experience in dealing with huge amounts of sensitive data and in handling the complexities associated with large scale projects. their solutions are designed for the Voter Registration Project of Bangladesh Election Commission prior to the national election in December 2008, Techno IT World Software Company LTD system enrolled over 80 million people voters in 11 months

and full de-duplication was carried out in less than 3 months. This sets the bar for Techno IT World Software Company LTD expertise of dealing with very large population datasets. Techno IT World Software Company LTD has a proven track record for providing responsive customer support in many different projects. their solutions come with 1 year of maintenance warranty and project owners often subscribe for extended support. they have highly skilled biometric experts as well as international consultants dedicated to product development and biometric research.

Over the years Techno IT World Software Company LTD has formed excellent working relationships with reputable vendors in the horizontal industry, including Oracle, Overture Technologies and Cross Match Technologies.

Techno IT World Software Company LTD is ISO certified for product development and QA. The different software modules meet necessary international standards, including ISO, ICAO, and NIST standards for photo and biometric capture, fingerprint matching and so on.

## **1.4 Job position**

A junior software engineer designs codes for new software and also modifies current software. They are responsible for correcting defects and debugging software. They also recommend changes to existing software, as well as develop ideas for

implementing future software. A junior software engineer must be able to keep up with rapidly changing computer technology. They must be proficient in Java-based applications, as well as work with a team of other engineers and/or information technology (IT) professionals. Junior software engineers must be able to do custom development, integrate older tools and technologies, and continuously build their own skills. They must be able to research and analyze existing programs and assist in preparing documentation for work assignments. They also conduct regular quality assurance activities such as a peer review and during meetings. Junior software engineers typically need a bachelor's degree in computer science, mathematics, or a related field. However, many organizations will substitute education for substantial experience in programming languages, operating systems, and software

### **Junior Software Engineer Tasks**

- Assist with research and develop; design software systems and applications.
- Perform engineering level tests to find defects; troubleshoot and debug development and production issues.
- Work closely with the team, and report clearly and accurately to management.
- Troubleshoot, test and validate software issues; resolve issues with due urgency and maintain thorough documentation of all software solutions.

Here I have joint as a junior software Engineer but like an assistant sometimes I find the error sometime debug etc.

## **2. Experience of internship**

Experience is the process through which conscious organisms perceive the world around them. Experiences can be accompanied by active awareness on the part of the person having the experience, although they need not be. Experience is the primary subject of various subfields of philosophy, including the philosophy of perception, the philosophy of mind, and phenomenology. In this sense of the word, knowledge gained from experience is called posteriori knowledge. This can include propositional knowledge.

### **2.1 Introduction**

The importance of an internship experience cannot be overstated. Today, employers favor prospective employees who have done not only one internship but multiple internships. A college education will serve to propel a graduate into a profession by conferring a degree, which demonstrates an academic proficiency in various theoretical and practical examples of ways that a job might be performed. An internship makes the classroom's abstract theories and learned examples concrete by placing the student in a real life work situation with real live co-workers performing actual professional tasks, which the job encompasses. When I was in 7<sup>th</sup> semester of my undergraduate days at the Chongqing University of technology, that time I need an internship as a software engineer and this time I got one of the most valuable experiences I had was my software engineering internship at Techno IT World

Software Company LTD during the time November 20 to December 20 of 2020.

## **2.2 Work Practices**

Different software development projects fail in different ways and, unfortunately, too many of them fail but it is possible to identify a number of common symptoms that characterize these kinds of projects. Unfortunately, treating these symptoms does not treat the disease. For example, the late discovery of serious project flaws is only a symptom of larger problems, namely, subjective project status assessment and undetected inconsistencies in the project's requirements, designs, and implementations. If you treat these root causes, not only will you eliminate the symptoms, but you'll also be in a much better position to develop and maintain quality software in a repeatable and predictable fashion. That's what software best practices are all about: commercially proven approaches to software development that, when used in combination, strike at the root causes of software development problems.<sup>4</sup> They are called "best practices" not so much because you can precisely quantify their value but rather because they are observed to be commonly used in industry by successful organizations. These best practices are as follows.

- Develop software iteratively.
- Manage requirements.
- Use component-based architectures.
- Visually model software.
- Verify software quality.



- Control changes to software.

In the company sometimes I practices to solve program in online judge and before I have some experienced that I did some open source project. This is the best practice.

## **2.3 Related Technology**

Software development is a dynamic field, where programming languages, frameworks, and technologies may live and die within a few years, and job market needs are constantly changing. However, developers remain among the most in-demand tech professionals, and learning the right programming languages and other skills can help you find a high-paying job in the field. the most popular software development technologies of the past year, along with those with the most growth. Here are the top 10 most popular software development technologies, as of December 2018, according to the report:

- JavaScript
- Java
- HTML
- C
- C++
- Python
- CSS
- SQL

I am familiar with java technology and some frame work is spring, Hibernate, Struts, servlet etc. When author has been told to work on Techno IT World Software Company LTD, author asked me which technologies you are familiar to work this project. And that time I gave a list of technologies:

- Java
- SQL Query
- HTML
- CSS
- Servlet
- JSP

### **3. Internship summary and perceptions**

I can honestly say that my time spent interning with Techno IT World Software Company LTD and Company resulted in one of a good time in my life. Not only did I gain practical skills but I also had the opportunity to meet many fantastic people. The atmosphere at the Pittsburgh office was always welcoming which made me feel right at home. Additionally, I felt like I was able to contribute to the company by assisting and working on projects throughout the summer. For example, I assisted one of the partners with several PowerPoint presentations for clients of the company. Also, I

helped to organize all of the firms marketing contacts by utilizing Google Documents. In addition to these projects, I also helped many of the CPAs with document organization, trial balance reviews, and many other day-to-day needs. While I was able to learn a lot from normal office life, my two most memorable days were events in which Techno IT World Software Company LTD's organized outside of work. The IT firm set up a networking event for me in which I was able to go to dinner and a Pirate game with two interns from a local law firm. It was such a good night! One of the colleague won the game and I was able to interact and make connections with some other interns in the city. Also, on one of my last days with the company for the summer, Techno IT World Software Company LTD organized a firm event involving everyone from the Pittsburgh and Greensburg offices. This event consisted of a Ducky Tour around the city of Dhaka and dinner at a reputed restaurant. This was a great experience to interact with everyone in an informal setting outside of work. Overall, my internship at Techno IT World Software Company LTD has been a success. I was able to gain practical skills, work in a fantastic environment, and make connections that will last a lifetime. I could not be more thankful.

## **4. Internship weekly journal**

### **❖ Week One**

This is my first internship with an IT Company named Techno IT World Software Company LTD. some of those with the same undergraduate degree as me have embarked on careers in this technology, but I'm still not convinced that it's for me.

However, after coming through a less-strenuous-than-expected interview process, the internship at my IT Firm began with a three-day orientation with the other fresher analysts working in back-office and support roles. This was primarily a series of talks by employees of varying seniority from across the bank's divisions. These sessions focused on a number of topics: the aim of the internship ('to develop our knowledge, skills and understanding of career opportunities at the IT firm), revenue streams, soft skills, the speakers' personal experiences as well as the rudimentary health and safety details and - vitally - making arrangements to get paid. The speakers were interesting and knew their stuff, but sitting through endless consecutive lectures did get quite tedious. Fortunately, we also attended a few informal networking sessions where we met current analysts and discussed their roles and experiences with them. The most interesting thing I learned was that their roles cover many typical technology tasks; analysis, development and maintenance, for example. In my previous internship, many of these tasks were spread across several roles and departments.

As the orientation process continued, two patterns emerged. The frequency with which the word 'networking' was used and the practice advocated, especially by the more senior speakers. Every speaker spoke very positively, even glowingly, about the company as a great place to work. No surprise in a formal setting, perhaps - especially from senior employees - but these sentiments were echoed at informal events by all the full-time analysts I met and I'm becoming increasingly convinced that there is something in it. Either that, or everyone undergoes some sinister

indoctrination process. As for my fellow interns - we are a reasonably diverse group, especially in terms of nationalities. From what I can make out though, most are studying in the Bangladesh but I studied in abroad, with computer science students in the majority. Everyone seems friendly and the atmosphere is pleasant; there are no gargantuan egos and - although some are quite earnest when quizzing the speakers - I have so far noticed no competitiveness.

After the orientation, I'll join the team. I've been aligned with an equities group and will be amongst front-office staff on a vast trading floor. Having spoken to my supervisor and been introduced to the team, it appears I'll have some responsibility and will be given work of some importance. I definitely sense that I am expected to get up to speed quickly, work hard and deliver. This is somewhat intimidating, but I welcome it. For the most part, I'll be working with technologies familiar to me (from my discussions with fellow technology interns this does not appear to be common). Therefore, the main challenge facing me as the internship really gets under way in the next week will be quickly familiarizing myself with the business side of things - a challenge I suspect that will be common to all technology interns.

## ❖ Week Two

With orientation completed, the internship really started in this week. As is probably typical in any large company, it began frustratingly I spent much of my first day waiting for applications to be installed on my PC. I was not waiting very long,

however, before I could really begin working. I've been assigned responsibility for an existing system, used by the equities group to which my team is aligned, with a view to enhancing it. This will involve making structural and architectural changes to increase performance, robustness, scalability and flexibility. Thankfully, my initial impressions were correct, the work is real, required - and I am not merely being kept occupied.

I spent much of the first week familiarizing myself with the system, its technical workings by speaking to and shadowing the technical users and reviewing system code. I identified areas for improvement, signaled potential risks and made preparations for the more obvious and urgent upgrades. As the week progressed, I was assigned related tasks needing a quick turnaround.

In the midst of all the above, I was getting to know the people, hierarchies, activities, concepts and terminology associated with my business group. I had to develop an appreciation of how things are done and how business is conducted. From a technology perspective, alignment with the front office seems to involve a good degree of firefighting and an almost constant need for a fast response. Unsurprisingly then, the technology operates quite flexibly and with a lot less of the bureaucratic head scratching that went on in the non i-banking technology division I worked in last year.

So far, the hours have been quite long, or at least longer than I had expected. I have been starting at 10 am and leaving sometime after 7 pm. These hours aren't carved in stone tablets and there is some flexibility. At the start of the week I worked these

hours because that's what I thought was expected - by the end of the week, the hours were necessary. Things - lots of things - need to be done. Some other things that I've noticed in my first week at the desk. The age profile of my group is quite young. The majority of my full time colleagues have started at the company within the past year. There are also a few on long term work placements, although these are integrated into the group to the point of being indistinguishable from their full-time colleagues. The twin screen setup on my PC is fantastic! From a technologist's perspective, it is great for programming and really increases productivity.

As for the technology interns, I have not had much contact with them since the conclusion of orientation. In work, we are very well spread out and there were no intern-specific events scheduled for this week. There were efforts by interns themselves, however, to fill this vacuum. Overall, I am very happy with my first (real) week. I am acclimatized to the hours now and, although I do not yet have a full grasp of everything, I was sufficiently up to speed by the end of the week to start making good progress on my work. But then again, that was probably the expectation.

### ❖ **Week Three**

With one week largely spent acclimatizing and another spent finding my feet in a new work environment, this should have been the week that I really began performing producing and delivering, oh my god I wish I can do it. It wasn't a disaster, but it was more of a mixed bag than I had anticipated. The project I've been given responsibility for proceeded with intermittent bouts of progression and

regression as gains and achievements were frequently offset by the emergence of unforeseen obstacles. Although the system I am working on is fairly small, the evolutionary manner in which it has been built (a series of add-ons and patches over the past few years) means that it is not particularly elegant nor resilient to change. As a result, small coding changes in one area cause errors in another. The fact that I'm not entirely comfortable with the technologies I'm using is also proving a hindrance. Although I am familiar with them, there's a big difference between familiarity and proficiency. Consequently, I have to seek assistance from my manager/team leader and others more frequently than I would like. This means I have to balance the potential damage to my reputation from asking too many questions with the more rapid progress I can make when I ask them. I'd imagine that such difficulties are particularly acute with interns working with technologies completely unfamiliar to them. The demands being placed on me also required a certain degree of balancing. While I have been attempting to improve the system I'm responsible for, a front-office employee has been demanding a large volume of output from it. As these demands have been re-iterated, I have spent the week placating the employee in question, giving him the small amount of output I can make time to deliver while trying to convince him that once the improvements I'm making are complete, he'll be able to access information of a greater quality and in a timelier fashion.

I have also had a few calamities after making big mistakes. Wisely, I took the approach suggested to us in the orientation sessions and admitted them. To mitigate the bad impression these mistakes made, I also proposed ways of solving them.



I also was involved in a situation this week where things went wrong due to circumstances beyond my control. As I was about to leave on Wednesday night at 8 pm, I discovered that a process which I was overseeing had produced erroneous output due to a coding error. Although this process and its output are important, they are not earth-shatteringly significant. So, after what had so far been a 11-hour day, a judgement call had to be made: fix the error and run the three-hour process again or go home. Ultimately I decided to stay and resolve the problem, my reward for which was an elongated day and a character-building experience.

Nonetheless, the week ended in a slightly more upbeat manner; I learned from my mistakes, and progression on my project became more frequent than regression. On Friday I was absent from my desk for a long time, revealing a satisfying degree of dependency on me already.

As for the wider internship experience: again this week, there were no formal social events organized by the firm. The organization of events by interns themselves, however, is becoming more frequent and generating a considerable volume of email. Meanwhile, the company itself seemed more intent on organizing intern group presentation projects and lecture series which, similarly to orientation, lurched between the interesting, the tedious and the bizarre; while affording the more competitive amongst us the opportunity to earnestly grill the various speakers with all manner of questions. Whether the bank does organize something more stimulating next week is immaterial to me at this point, however. My main aim is to perform and deliver in a manner slightly better than the week just past.

## ❖ Week Four

This year's technology internship has drawn to an end; my intern ties up loose ends and remains optimistic about the prospects for the future. That's it. After four weeks, my Software-Engineering internship is over and I'm to back to being a university student. Last year, my internship wound down gradually before coming to an (all too welcome) end. Not so this year. My main project, in particular, kept me busy until the very end, with the last day being a fine example of Murphy's law. As I predicted last week, there were a number of last-minute requests and recommendations which required further coding. Much of my time was also spent on the tedious business of documenting and testing the enhanced system to make absolutely sure that everything worked as anticipated. But on the plus side, I did get a good degree of acclaim and acknowledgment of my efforts from the people I have been working with - and I got to see the positive business-side consequences of my endeavors. My one remaining worry is that things won't go too smoothly now that I'm gone, and that this may temper the positive reaction my work has received so far.

Outside of my project work, I spent a lot of time meeting people this week. For the most part, these were people working in technology areas that interest me; but, mindful of diplomacy, I also met people to say my goodbyes and thank yours. Then there was the main event of the week. the final review with my manager. This went largely as I expected. positive and predictable. The conversation focused as much on the future and what I would potentially like to do if I came back, as on my activities of the past four weeks.

On reflection; I came, I saw and, while 'conquered' is too strong a word to use here, I certainly think I performed well enough to merit a job offer. I began the internship with a good degree of cynicism and uncertainty about whether I wanted to work in Software-Engineering technology. 4 or so weeks later, I'm still not 100% certain; but my attitude has thawed to the point where I will happily accept a job offer if it's forthcoming. Generally; for anyone looking to find out more about Software-Engineering technology or wanting to decide if it is for them, I would whole-heartedly recommend an internship. So, finally that's it. While writing these entries has occasionally been frustrating, it's been enjoyable and worthwhile. I hope that they have been in some way helpful and enlightening.

## **5. Internship pictures**















