

Curriculum Vitae

PERSONAL INFORMATION

Name (English)	TRAN NGUYEN BAO TRUNG	Date of Birth	1991-03-26		
Nationality	Vietnamese	Gender	Male		
Permanent Address	Viet Nam, Da Nang, Thanh Khe District, 178 Be Van Dan Street				
Present Address	Korea, Seoul, Hanyang University, Techno Dormitory, Room 204				
Contact No.	010-5066-2603	Email	baotrungrn@gmail.com		
Expected Graduation Date	2016-03	Interests (hobby)	Reading books, Watching movies		

ACADEMIC QUALIFICATION

Degree	School	Major	GPA	Duration	Location (Nation)
Bachelor	Hanyang University	Computer Engineering	3.72/4.5	12/03 ~ 16/03	Seoul, Korea
Master					
Ph.D.					

EXPERIENCE (NOT part time job / intern, BUT full time employee)

Company	Purpose	Duration
/	/	/
/	/	/

LANGUAGES KNOWN

English	Good (TOEFL iBT 82/120 in 2011)	Korean	Good (TOPIK 3 in 2012)
Mother Language	Vietnamese	Other Language	French (Very basic, I attend 1 course at my university)

SKILL & OTHERS

IT Skill	- Experience with C, Objective-C, Java, JavaScript, Ruby programming language - Experience with Node.js, Express.js, MongoDB.js, React.js, Ruby on Rails, Bootstrap, CSS, HTML - Experience with Linux operating system, server system
E.T.C.	

SELF INTRODUCTION & CAREER PLAN

SELF INTRODUCTION

시련은 있어도 실패는 없다

Dear Sir or Madam,

I am writing to apply for the SAP Internship Program. When I attend SAP Job Exhibition at my university, I got a good opportunity to learn about SAP's respectful history and achievements, SAP has always been the pioneer who uses information and technology to improve the quality of companies and people's life, it is a company with strong sense of innovation and humanity. When I know about SAP Internship program and its long-term purpose, I think this is a great chance for me to learn and contribute my knowledge, effort in a great place. I hope this self-introduction will provide you information about my characteristics; capability and experience, which I think will fit with your company's core values.

I got to know about Korea in the third year of my middle school, when one of my friends showed me the book "The Autobiography of Chung Ju-yung". It was a very new world to me, the book told a story of a kid who, in spite of enormous difficulties during his era, had diligently and creatively built Hyundai into one of the biggest companies in the world and revitalized his country's economy. The way Mr. Chung Ju-yung saw the world and the way he thought about it, his "Can Do Spirit" and his dream placed a lasting impression on my mind. The more I read the book, the more I was inspired to become a great person like him. I thought everyone only lived once, but if he lived a meaningful life, it would be enough. With that spirit, I focused on my study; I made myself a goal to become an excellent businessman who would contribute to the development of my country.

Getting into Le Quy Don High School for Gifted Students through a narrow door, I felt so confident about my future. However, I soon realized that it was not easy, the environment there was so competitive because all of students were top of their middle schools, they were very smart and hardworking. During my first year of high school, even though I tried my best, my academic record was really bad, my place was nearly at the end of the list. It was a hard time for me; I did not want to meet anyone because I felt so embarrassed with my study result. But when I was in my deepest sadness, I remembered a saying from my hero, Mr. Chung Ju-yung: "There is no failure but challenge!", and I realized that I did not fail but it was a challenge for me to become a better version of myself. Stop feeling sorry for myself, I reorganized my mind, overcame negative thought and made a new plan for my second and third year in high school. I carefully listed my strong points and weak points, I even asked my parents and close friends to help me on this. After checking the list with full attention, I realized that I was always good at creative thinking and that ability had helped me solve many problems in my life, so I decided to develop myself based on that finding. In 2007, Viet Nam joined the WTO after a long negotiation, it was also the time when Viet Nam stock market surged strongly and everyone talked about buying and selling stock. As a teenager, I was really interested in my country's affair but there was no good way for people like me to get any information about effect of WTO or stock market in Viet Nam. I wanted to help myself and young people in my country to get accustomed to modern economics concepts, which would be indispensable when my country entered the WTO. I then thought it would be a good idea if there was a software to teach people about economics. In summer, I spent most of my vacation time to learn Java programming language with a goal to gain enough technical knowledge to build the system I planned. After 2 months, I learnt many skills to be able to make the first version of the software, it was useful and easy to use, people could download the software and use it on their PC to learn economic terms, check the status of stock market, check the price of any stock and even make friend with like-minded people living in Viet Nam. However, I wanted to make it even more useful, the idea was to make my software be able to run on mobile phone so users could access the information anywhere and anytime. There were some difficulties to make the idea come real, the biggest problem was everyone using dumb phone without internet connection, so there was no method to transfer data effectively. I thought of another way to run my system on mobile phones, it was to let users send and receive SMS to retrieve wanted information. Theoretically, the solution should be very easy, it was to have a SMS center to receive and process users' SMS and make corresponding reply. However, when I studied about SMS center, it turned out to be impossible for me because as a high school student, I did not have enough money to buy or rent a SMS center. I spent days to think of other solution, I was stressful but I did not want to abandon my idea, I believed that if I invested more effort, I could find a good solution. My stubbornness was a lesson I learnt when I read about how Mr. Chung Ju-yung creatively used a 300 meters long tanker to block the strong current, which was said impossible to be blocked by engineers, to build a breakwater. Finally, I got my "Eureka" moment after 3 weeks by figuring out a creative way to simulate a SMS center. What I did was to connect my mobile phone and my PC server via bluetooth, my mobile phone's role was to receive SMS from users and relay to my PC for processing, after that, my PC would send result to the phone and order it to send reply SMS to users. The design was so elegant and effective that no one knew they were communicating with a simulated SMS center. My effort paid off when I brought my software to attend The 14th National Informatics Competition for High School Student, where I finally got the highest prize in Creative Software league. At the same year, I was nominated as 1 of 10 recipients of Vietnamese Golden Globe in IT, one of the most prestigious awards for people who have great contribution to the development and study of Information and Technology in Viet Nam. These prizes also took me to The Board of Honored Students of my high school. The moment I received that string of good fortune, I realized the success was result of endless effort to overcome my limitation, my hesitation, and imperfection of myself. The sudden success also provided me a chance to do thing I always wanted to do: to help students who had difficulties on study like me. I thought there would be a better way to learn and expand one's knowledge than just seating and solving academic problems, so I made a project to form my high school's Young Creation Club. I noticed that my high school had an unbalanced education program that just focused on theory; my goal was to create an innovative environment in which students were free to experiment and apply theories into practice. The club should be an ideal place to deepen students' knowledge as well as help them learn about teamwork, leadership. In the first year of the club, we made a lot of interesting projects using knowledge about mathematics, physics and chemistry we learnt in our classes. Some products even brought their owners to prizes, especially; one of our members who made a smart measuring instrument by combining a laser light and a protractor had become one of Vietnamese representative at Intel ISEF in USA. The club has been operating until now and it has helped a lot of students improve themselves academically, I am happy that I contributed a small part to my juniors' success and development.

When my high school time ended, it was the time for my friends and I to prepare for university entrance exam. I managed to get good result for the exam and entered FPT university in Ha Noi with my high school best friend, we rented a small room and stayed together. Even though I enjoyed good time in my university, my dream was to have a chance to study abroad, see new things, broad my knowledge and return to help my country. My mother always said: "Go out one day, and come back with a basket full of wisdom." Therefore, I tried hard to search for any information about study abroad, about scholarship because it was impossible for my family to finance me to study in a foreign country. As usual, it was not an easy process, I had been searching for 6 months without any positive result, and the only good thing was my stubbornness. My luck came in a late night of Autumn, when I was searching the Internet for scholarship; I saw a notice about Korean Government Scholarship Program (KGSP). The scholarship was so good that it provided full tuition fee, living allowance and most importantly, my academic record totally satisfied all of the scholarship's requirements. It had only 5 slots and applicants had to go through 2 stages to get the scholarship, firstly the applicant had to be accepted by a university in Korea and then he had to pass the final document examination by Korean Government. I had no doubt to strive for 1 of only 5 slots of this scholarship but I was so perplexed to decide whether to share the information with my friend or not. He was one of my best friends in high school, he had similar academic record as mine and he also wanted to study abroad, so to share the information meant we had to compete with each other and there would be a big chance that one would be left behind. My hesitation did not last long, after 5 minutes thinking, I decided to tell my friend about the scholarship and we promised to help each other prepare all necessary things. I would have a higher chance to get the scholarship if I kept it secretly, but I valued my friendship much more, I could not stand the feeling of betraying my friend, and I also wanted to compete with him fairly.

With all of greatest effort during 2 weeks, we finished all required documents and were ready to apply for universities in Korea, I chose Hanyang University and my friend chose Sungkyunkwan University. My friend received his good news after a month, his university accepted him and would send his documents for the final examination by Korean Government. I kept waiting without any reply from my university; I thought that I failed in the first stage. I still remembered my emotion at that time, I truly felt sad for myself but happy for my best friend. On the other hand, I quickly made new plan for my life without him, I wanted to make sure about my future and make my friend feel comfortable on his leaving. However, out of expectation, I also received the news that I was accepted and could go to final stage some days later, both my friend and I felt relieved but worried at the same time, the scenario that one would go and one would be left behind become clearer. Another week passed, we both received the final result, I was accepted but my friend was not. That moment, I had mixed feeling, it was one of my happiest days but I also felt so sorry for my friend, we had been together since our first day in high school and had a lot of beautiful memories. However, I thought life would be wonderful and kind to everyone, it just had different plans for different people, I had competed with my friend fairly and life took me on a different path than my friend.

It has been 4 and half years since the very first day I came to Korea. Living here alone and experiencing many things, my life has changed for the better. My first year in Korea was such a wonderful time, I enjoyed learning Korean language, culture and made friends with a lot of interesting people from different countries. For me, Korean language was created very scientifically, so I felt comfortable when learning this language, I even got several prizes in Korean language contests held by Hanyang Language Institute. I still remembered two of my interesting projects during language school, the first one was a Korean theatrical play I made with other international students, the second one was a presentation about a Vietnamese famous food - Phở (쌀국수). What special about my first project was the combination of PowerPoint slides, music, acting and Korean language that totally compelled the attention of audiences. I learnt the technique from my Korean friends in a church, they made skits every Sunday and I was amazed every single time by their artistically using of beautiful images, music and acting, there was so much aesthetics in the combination. For the second project, I introduced to my Korean teachers and friends about the philosophy of Vietnamese Phở and how to cook delicious Phở. There are many interesting things about Phở, it can tell you a lot of stories about Viet Nam. The noodle is made from rice, which is spirit of Vietnamese agricultural root, the soup is made from many different ingredients and can be varied from different geographic areas, this represents the different aspects in Vietnamese's characteristics, and even we are all Vietnamese, people from different areas present their own unique trait: Northern people are polite and soft spoken, Southern people are generous and chivalrous. For the soup to taste delicious, it must be boiled with best ingredients for very long time, the same as a person must be experienced and trained if he wants to become useful to society. Viet Nam is a country that is diverse inside but very unique outside. My Phở's story was highly praised at that time because it did not only tell about the food but also the country's culture and history. As I always wanted to know more about Korea and learn about the country's history, I spent my first vacation to travel around Korea. One of my most memorable memories was my visit to Ulsan and saw Hyundai Shipyard with my own eyes. Even though I read about it in Mr. Chung Ju-jung's book and had some imagination, the real view was still very impressive to me. The land was used to be empty and valueless, but with a proper idea and great effort, it has been transformed into a complex and valuable factory that manufactures high tech ships and contributes a lot to nation's prosperity. At that moment, I realized the power of dream and hard-working, human have unlimited ability, they can achieve anything if they have a good plan and spend unyielding effort. I also thought about the reason why Korea attracted me a lot; it was Korean people's passion, can-do spirit that made me truly admire the country.

The time my language school ended was when I entered Hanyang University. With well-prepared Korean language skill, I had a lot of confidence to conquer my Computer Engineering major. Thanks to self effort and help from professors, friends, I managed to absorb a lot of knowledge about computer, I was interested and paid great attention to project-based subjects, such as: Software Engineering, System Design, Data Communication, Computer Network, Data Mining... Until now, I have developed several interesting projects; two of them was a system to check students' attendance using an access point device and a system to stream music peer-to-peer on Android phones. Those projects not only helped me earn high score in my courses but also provided me good advantages when I applied for scholarship programs which I luckily got two: one was from Hanyang University and another was from Korea Post for outstanding international students. During my time in Korea, I have been witnessed the importance of science and technology and thought a lot about that, Korea's land is not large but it contains big population, so Korean have developed high tech industries to overcome their weaknesses. I was impressed by the efficiency, capability of Korea's transport system, telecommunication system, and electric power system... Without these modern systems, society would have a lot of problems and people could not enjoy comfortable life like present. Therefore, I made myself a goal that I would learn a new technology every vacation to keep my knowledge updated and useful. Until now, I have learnt Ruby on Rails web framework, iOS programming, Android programming and Nodejs. There was a time when I read the book "Outliers" by Malcolm Gladwell and was inspired by the idea of 10000 hours, in which, it suggested that if a person wants to become an expert in any field, he has to invest about 10000 hours of practicing. I then spent my winter vacation to make an iOS app for recording practicing time, the app named "Spock Goal" and has been received well by users because of its usefulness, I often use this app to check the correlation between my study time and my score in university. I like study, but sometimes it makes me feel stressful because of losing contact with social life and lacking diverse experience, so I tried to overcome that by doing part time jobs. Those part time jobs not only provided me little extra money but also helped me learn about service, patience and honesty. In my first part time job, I worked in a car garage where I designed and managed garage's website to sell used cars. I enjoyed working there and did not reject any duty because the harder I worked, the more I would learn and grow up. I helped my employers design name cards, advertisement leaflets and promote our website on social networks, I was really happy that my effort paid off well when we sold a lot of cars. For my second part time job, I worked in a famous pizza restaurant in Kangnam where I learnt an important lesson. When I started there as a dishwasher, I was overwhelmed and could not do my duty well because the basin was small and many dishes with different sizes come at very fast pace. Luckily, one of my colleagues showed me my problem and taught me how to arrange the dishes in right order before washing. Only then I could handle the washing really well and had no problem even in rush hours. There will be a lot of problem happen in life and I may feel overwhelmed by the large amount of work, but if I know how to prioritize those, I can solve every problem easily, this is the lesson I learnt by washing dishes in the restaurant and have applied successfully in my life.

Besides study, I am also interested in social activities. In my first year in university, I volunteered to work in a restaurant serving poor elders, my task was to prepare lunch boxes and deliver them to old people living nearby. Those grandfathers and grandmothers were living alone because they had no children or their children rarely visited them, so when I came and served them their lunch, I could see the happiness in their eyes. In another charitable activity, I worked in a program that created meaningful events for multicultural children, my responsibility was to teach Vietnamese Korean kids about history, culture of Viet Nam. The kids were very open and eager to learn about part of their identity that made me feel the meaning of my effort. Doing volunteer work in Korea was a very profound experience to me, we were from different countries and different cultures but deep within each of us was a very common thing called Humanity. I learnt that serving others sincerely could bring peace and joy not only to people being served but also to my soul.

I am now in my final year before graduation and very excited about my future. I have been seizing every moment in my life, whether it is studying, working or playing, I have grown up a lot during my time in Korea. With my technical knowledge and life experience, I have no fear for what will come and ready to receive any challenge ahead.

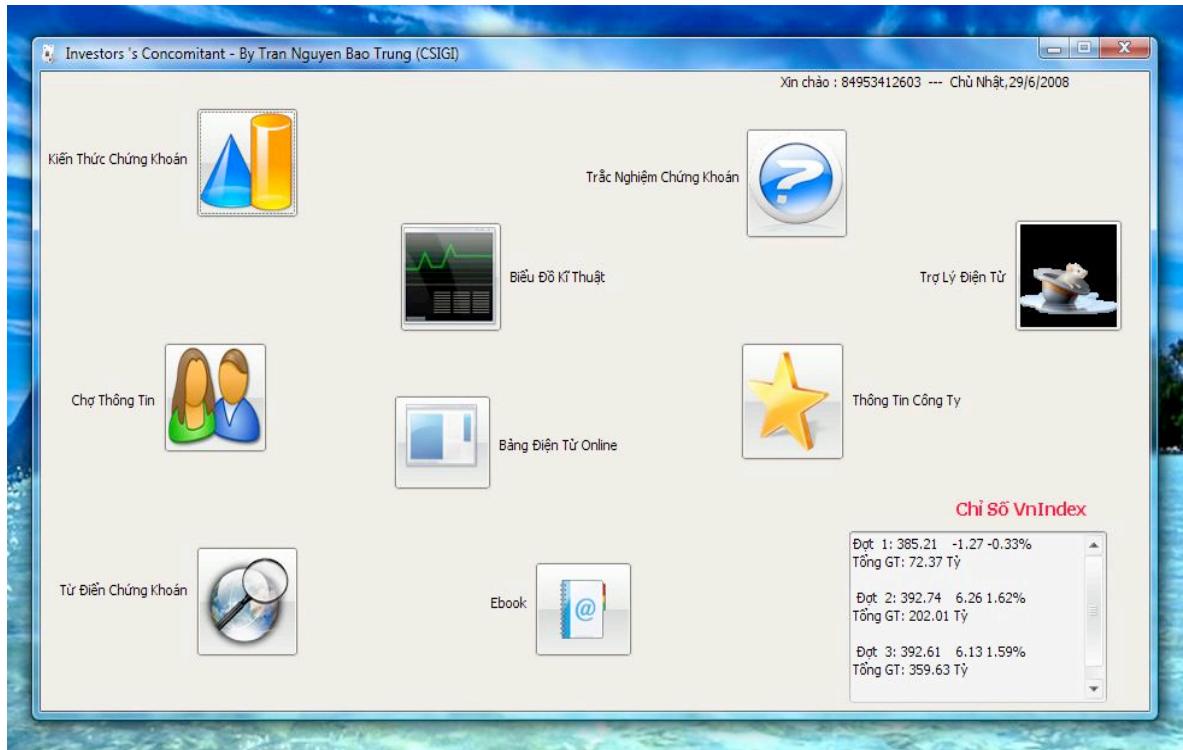
CAREER PLAN

Self evaluation		
Characteristics	<ul style="list-style-type: none"> - Driven - Hard-working - Ambitious - Creative - Honest - Systematic - Disciplined 	
Education	<ul style="list-style-type: none"> - Graduate from Le Quy Don High School for gifted students, Da Nang, Viet Nam (2009) - Graduate from Computer Engineering Department, Hanyang University, Seoul, Korea (2016) 	
Personal Values	<ul style="list-style-type: none"> - Honesty - Fairness - Can-Do Spirit - Diligence - Humanity 	
Personal Skills	<p style="text-align: center;">Hard skills</p> <ul style="list-style-type: none"> - Experience with C, Objective-C, Java, JavaScript, Ruby programming language - Experience with Node.js, Express.js, Ruby on Rails, MongoDB.js, Bootstrap, React.js, CSS, HTML - Experience with Linux operating system, server system - Experience from working on various software projects - Can speak, listen, write and read in Korean, English, Vietnamese 	<p style="text-align: center;">Soft skills</p> <ul style="list-style-type: none"> - Leadership - Teamwork - Creative thinking - Solving team internal conflicts - Making, organizing and implementing plans - Having 5 years of living, studying and experiencing in Korea - Having good understanding of Viet Nam and Korea's culture, history - Having basic knowledge about business and Intellectual Property

My Career Goals		
Short Term (< 1 year)	Mid Term (2-5 years)	Long Term (> 5 years)
Graduate from Hanyang University with GPA > 3.5/4.5	Gain a lot of business experience by working on different duties, different geographic locations	Get a degree in business to deepen my management skills
Improve my Korean skill	Develop good relationship with colleagues, customers and other people	Head a business unit/venture in my company
Learn a new technology every 4 months	Do charitable activities at least once a year	Establish my own charitable organization to make my society a better place
Keep good relationship with friends	Learn a new technology every 6 months	
Join an international company which provides diverse professional experience and long term career development	Develop into a senior role in my company	

MY PROJECTS

- Support and Technical Information Supply and Interactive System on PC and Mobile for Stock Investors (2008)
 Detail document: <https://github.com/alansparrow/project-showcase/raw/master/Stock%20System.pdf>



Sun mobile system

Chi So VnIndex

- Thong Tin Cong Ty
- Gia Chung Khoan
- Du Mua & Du Ban
- Tu Dien Chung Khoan
- Chi So VnIndex(SMS)
- Gia Chung Khoan(SMS)
- Du Mua & Du Ban(SMS)
- Dang ki dich vu theo doi chung khoan(SMS)
- So Tong Dai
- Thong Tin & Lien He

Tuy Chon Biểu Đồ

Biểu Đồ Kĩ Thuật

Gia Trần Chứng Khoán
Vẽ biểu đồ theo: Giờ : M8 1 : ABT M8 2 : ABT M8 3 : ABT M8 4 : ABT M8 5 : ABT

Gia Sản Chứng Khoán
Vẽ biểu đồ theo: Phút : M8 1 : ABT M8 2 : ABT M8 3 : ABT M8 4 : ABT M8 5 : ABT

BIỂU ĐỒ GIÁ TRẦN THEO PHÚT

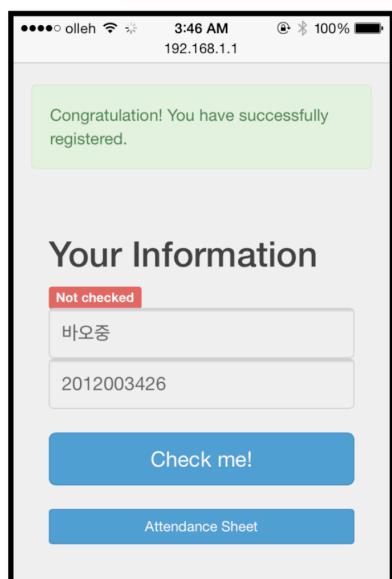
Biểu đồ giá trần theo phút

Đơn vị: Giá/Nghìn VNĐ

Thời gian: 0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60

Legend: DRC (Red), ACL (Blue), DMC (Green), BBC (Yellow), FPT (Orange)

2. Wireless Attendance Checking System (An Internet of Things project with OpenWrt, 2014)
 Detail document: <https://github.com/alansparrow/project-showcase/raw/master/Wireless%20Attendance.pdf>



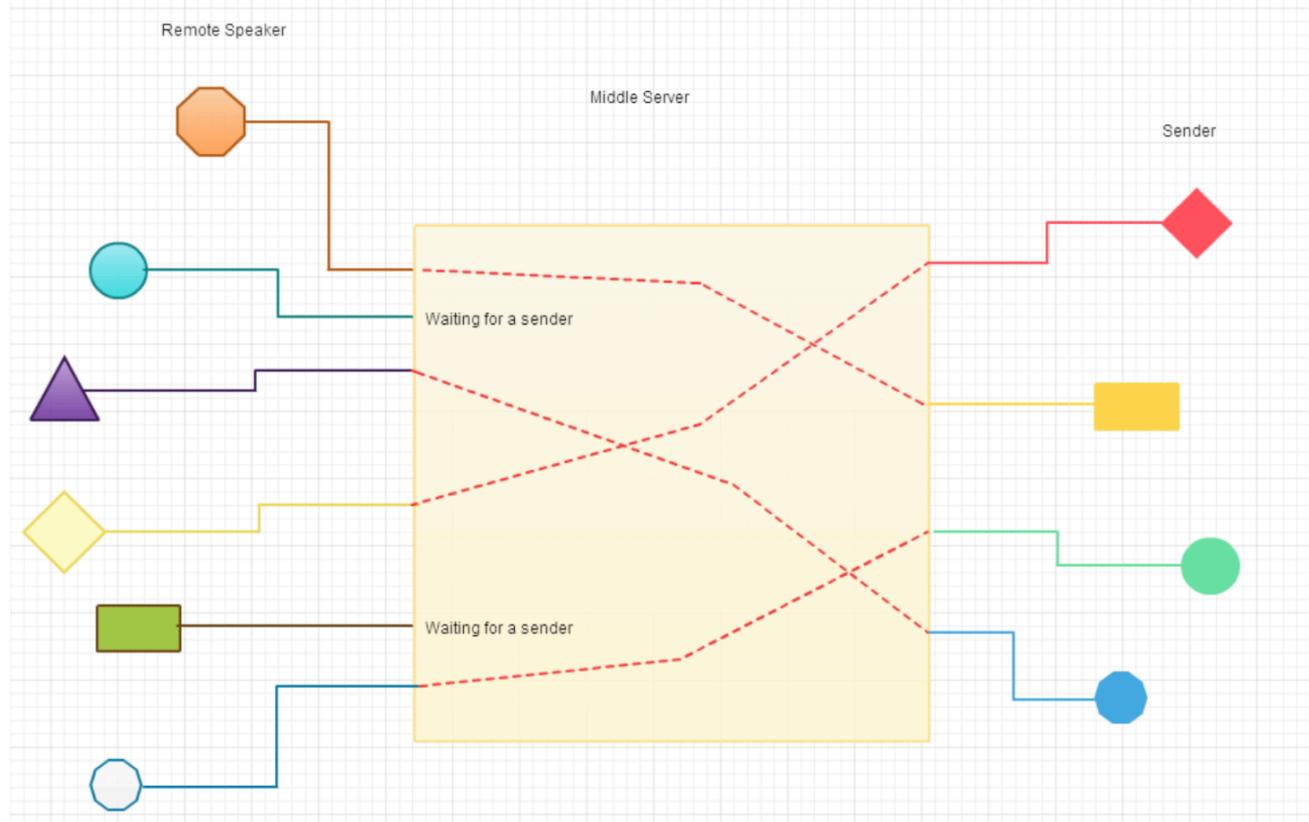
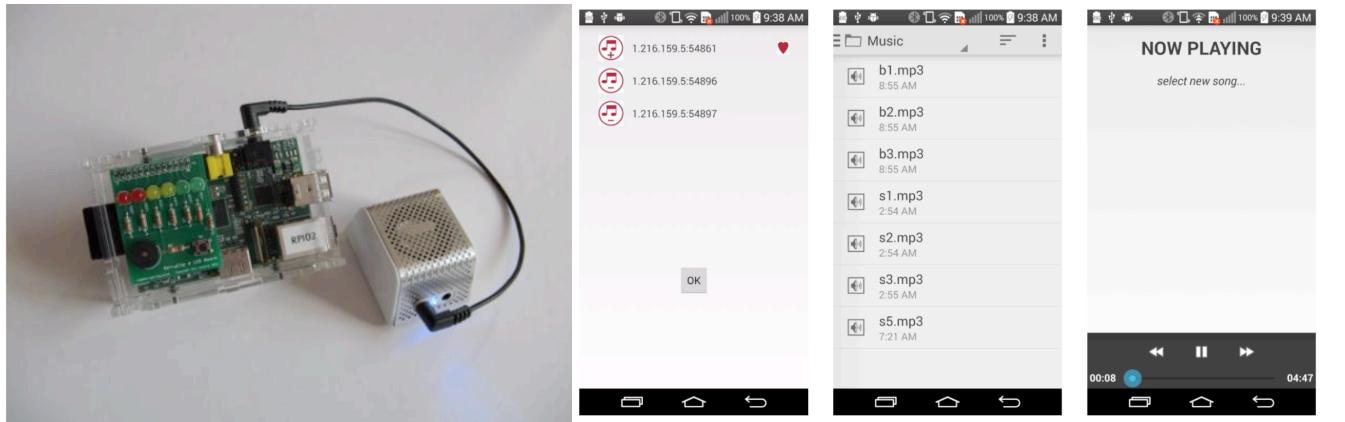
Web Browser Screenshot:

- Address bar: 54.178.195.55:8000
- Table: Student Attendance Status

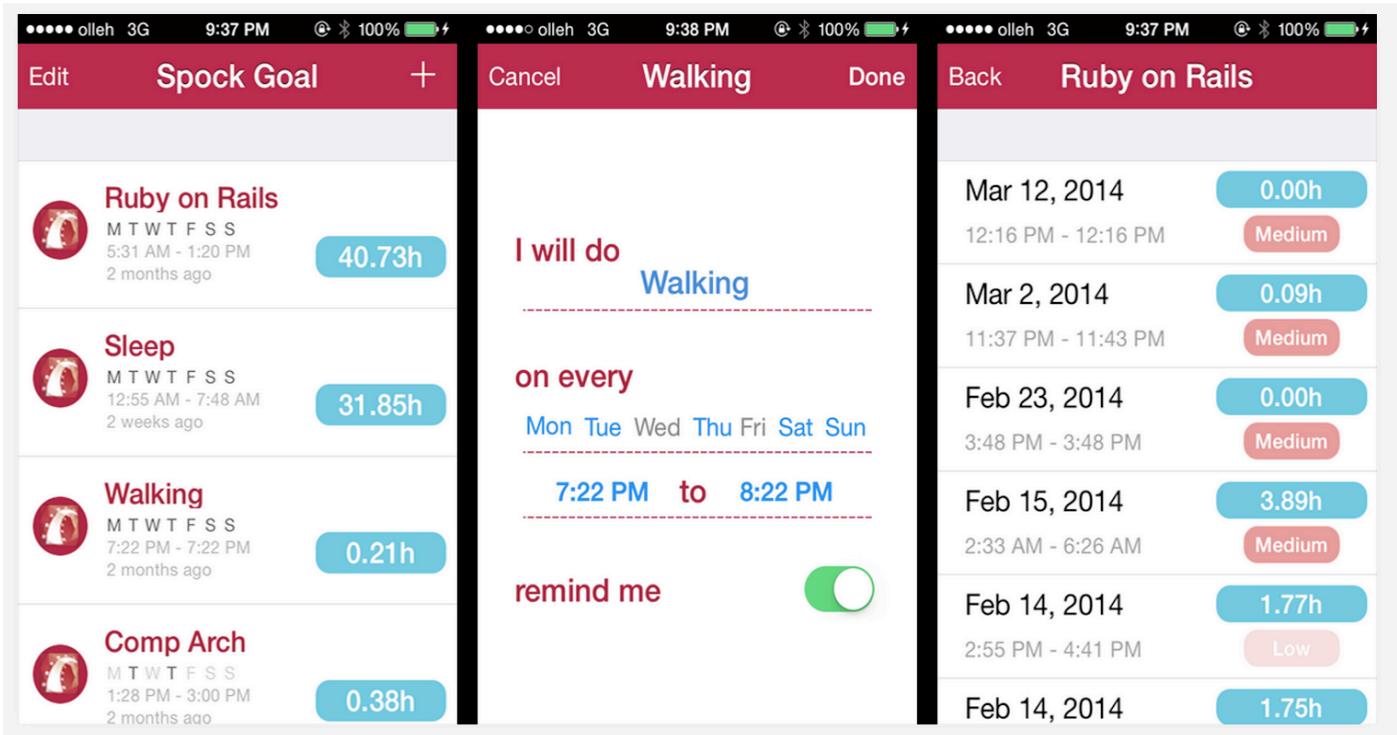
#	Name	Student ID	Attendance Status
1	한상현	2010003903	X
2	바오중	2012003426	O
3	오마이것	2012003427	X
4	홀설태	2009002020	X
5	김무중	2011003322	O

3. Internet of Music (An Internet of Thing project with Raspberry Pi and Android, 2014)

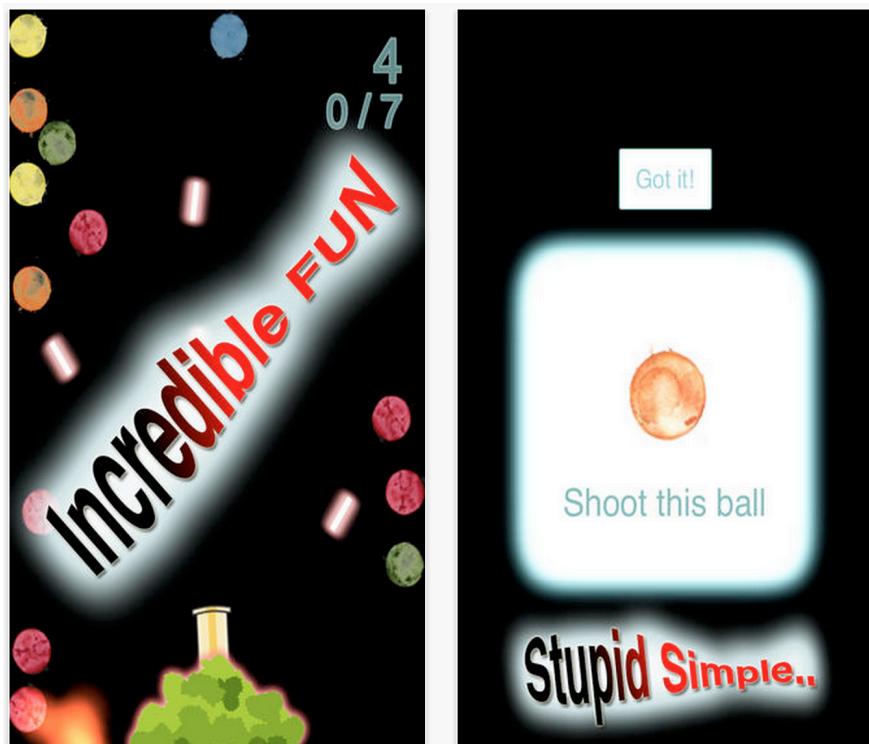
Detail document: <https://github.com/alansparrow/project-showcase/raw/master/IoM%20Design.pdf>



4. Spock Goal (10000 hours recorder for iOS, 2014)
Detail document: <https://itunes.apple.com/us/app/spock-goal/id796319771?mt=8>



5. Other side projects



Color Laser Shooter (2014)
<https://itunes.apple.com/us/app/color-laser-shooter/id877746882?mt=8>



Incredible Eggs (2014)
<https://itunes.apple.com/us/app/incredible-eggs/id872101884?mt=8>