

BOWEN CHIN

✉ chin.bowen@gmail.com 🌐 bowenchin.com ☎ +852-56235545 📍 WS2 Lee Woo Sing College, CUHK

Objective

To obtain a summer internship opportunity in order to gain insight into the IT/ICT industry while gaining valuable experience in a team oriented environment.

Education

Chinese University of Hong Kong — 2014-2018

Bachelor of Engineering in **Systems Engineering and Engineering Management**

Class level: Year 2

GPA: 3.506

Activities: Summer Research Intern, College Table Tennis Team

Relevant Coursework

Calculus for Engineers Linear Algebra & Vector Calculus Physics I Intro to Engineering Design Problem Solving by Programming (C) Intro to Data Science Discrete Mathematics Erg Innovation & Entrepreneurship Data Structures Operations Research I Probability and Statistics

Experience

Summer Research Intern, CUHK Engineering Department — May 2015 - Sept 2015

- Joined a multi disciplinary team in the CSE department in developing a smart motion capture wearable system using inertial measurement units (IMU) sensors to capture motion in space with high precision and accuracy
- Potential applications in virtual reality, healthcare, animation creation, and sports analysis
- Involved in the product design with emphasis placed on streamlining user-friendliness and experience
- Designed components using CAD software and prototyped using 3D printing technology
- Achieved great results in multiple technological competitions for university students including first place in the Challenge Cup 挑戰盃 and Huawei Cup Intelligence Design Contest for University Students

Projects

UnI: a social network mobile application from idea to pitching

- Conceptualised a social network mobile application to promote cultural, social exchange and event promotion on university campuses
- Designed the user-interface of the application with core features that includes a buddy programme and event discovery (View at: <https://www.behance.net/gallery/32218863/UnI-a-social-network-platform-for-uni-students>)
- Streamlined presentation and pitch document and presented to various industry experts

Material Tasks: a simple to-do list task manager Android application

- Developed a simple to-do list mobile application that reminds users of important tasks
- Designed user interface following Google's Material Design design language guidelines
- Maintained great relationship with users with a rating of 4.36/5 and saw over 360 installs on the Play Store
- Created responsive website to showcase app's features @ <http://bowenchin.com/MaterialTasks-website/>

bowenchin.com Personal Website

- Designed and coded a responsive personal website from scratch using HTML & CSS
- Increased web presence and enhanced knowledge in web design and development through personal project

aog.taipo.church Landing site for Pentecostal Church HK Taipo Church

- Designed and coded a responsive and modern landing page for a local church using HTML & CSS
- Increased traffic by around 200 sessions leading to greater discovery and visibility in search engines

Project S.U.N. (Sensory Ultrasonic Navigation)

- Developed smart wearable that aids the visually impaired in navigation, warns user of impending collision and obstacles
- Engineered efficiency with increased blind user movement speed by 50% and decreased accident rate by 47% while keeping the manufacturing cost low
- Claimed Best of Fair (2nd) at Intel Science and Engineering Fair in Sichuan, China
- Finalist at the largest intentional science fair for high school students in the world, Intel ISEF

Honours and Awards

Ti Hua KOO and Dorothy VEE KOO Admission Scholarship for International Students

Half-tuition admission scholarship awarded to outstanding international students; Honours at Entrance

The 14th Challenge Cup National Undergraduate Curricular Academic Science and Technology Contest - First Prize

Skills

Technical: HTML, CSS, JavaScript, Java, C

Proficient in using Adobe Photoshop, Adobe InDesign, Microsoft Office Word, Powerpoint, Excel

Languages: Bilingual proficiency in English and Mandarin, Intermediate proficiency in Cantonese