**Capita Novus**

|  |  |  |
| --- | --- | --- |
| **Novus Name:** | Sean Chiang | C:\Users\p10334865\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Outlook\MIJHBJH8\passport (002).jpg |
| **Role:** | Software Engineer |
| **Availability:** | Immediate |
| **Last Assignment:** | Capita Novus Training |

# PROFILE SUMMARY

Sean is a passionate and attentive individual. He has great interest in programming and wants to work towards a dynamic career in software development. Before joining Capita Novus he was involved in founding a start up for a year following funding from university.

Through founding a start-up; understanding how businesses worked and developing a service infrastructure, Sean utilised various soft skills. During university, Sean also interned at an engineering company for a month during summer holidays. During this internship he utilised his programming knowledge from university and presented a simulation to the department.

Sean graduated from the University of Bristol with a BEng in Mechanical Engineering. The university course exposed him to programming through MATlab and since then he has chosen programming as his career. Throughout university Sean has been part of various projects involving individual work and team work.

Entering the Novus programme was a great opportunity for Sean to gain real, practical experience and knowledge of programming. Furthermore, his soft skills have also greatly improved during the programme.

# PREVIOUS ENGAGEMENTS

**Capita Novus**

**Software Development Trainee**

**August 2016 - Present**

Capita’s intensive programme covers both theoretical and practical aspects of java development. As well as engaging with real projects to prove the skills acquired, the programme equips the individual with the skill sets required in programming techniques for desktop and web applications, database connectivity and querying, and HTML, CSS and JavaScript web development.

*Your account manager has included the full course outline in the email with this CV.*

**Jun 2015 – Jun 2016**

**Entrepreneur in own start up, Co-Founder**

**OneDot Automation Ltd, Bristol**

Working as one of the two co-founders for a smart home service based business start-up, in charge of writing scripts for smart home appliances (similar to Hive and Nest) and domestic electrical assessments. This start-up was funded by the University of Bristol start-up incubator through the school’s New Enterprise Competition**.**

* Conducting extensive research into existing smart home technology to customise solutions in accordance with client requests and developing business model based on competition.
* Meeting business partners, clients, potential investors and attending networking events to explore potential growth and development strategies and market the Company.
* Writing scripts for activation of actuators based on sensor status.

**Jul 2014 – Aug 2014**

**Summer Intern**

**Hiwin Corporation, Taichung, Taiwan**

Assisted in the research and development department of a Taiwanese listed company, to launch a new product that features linear control motion.

* Shadowing the research and development of the new product.
* Simulated motion of a car from birds eye view when the steering wheel is turned in MATlab.
* Research into traditional equations of motion for four wheeled vehicles.
* Presented to the department own research in simplified equations of motion of a car (without xy-plane acceleration).

**EDUCATION**

## 2012 – 2015

## University of Bristol

## BEng Mechanical Engineering with Honours 2:2

## MATlab based final dissertation: Wrote coding to generate physical waves patterns and analyse recorded imagery.

## Title: Internal and interfacial waves in a stably stratified fluid

## 2010 – 2012

## Woodhouse College

## 4 A levels: 2 A\*’s and 2 A’s

## Mathematics (A\*)

## Physics (A\*)

## Further Mathematics (A)

## Chinese (A)

## 2005 – 2010

## Christ’s College Finchley

## 11 GCSE’s: 11 A\*-C

## Mathematics (A\*)

## Physics (A)

## Statistics (A)

# QUALIFICATIONS AND SKILLS

**Working Towards:**

* Programming in C#
* Java SE 8 Programmer I
* Agile Foundation

**Technical Skills:**

* Basic UNIX Operations
* Experience in MATlab
* Experience in Python 3
* Microsoft Office
* Experience with Advanced Excel

# INTERESTS AND HOBBIES

## Skydiving

## Strategic team orientated video games

## Fluent in Mandarin