

TUVSHINZAYA ERDENEKHUU

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EXPERIENCE

Part-Time Undergraduate at ARM

ARM

June 2021 - Ongoing

Cambridge, UK

- Full-Time working at SCP-Firmware group during 2021 Summer for 12 weeks
(System Control Processor)
<https://github.com/ARM-software/SCP-firmware>
 - Coding in C that is compliant to MISRAC 2012
 - Writing C code for cortex-M (Microprocessor)
 - Working in Open Source Project as a company employee
 - Working and communicating effectively within a team
 - Managing time during working full-time

EDUCATION

Computer Science BSC

University of Manchester

Sep 2020 - Ongoing

Manchester, UK

- First Year - 83 %
 - Mathematical Techniques for Computer Science - 84 %
 - Fundamentals of Computer Architecture - 93% (Assembly language)
 - Fundamentals of Computer Engineering - 85% (Verilog and intro to CPU)
 - Programming 1 - 87% (Python)
 - Programming 2 - 80% (Java)
 - Operating Systems - 82 %
 - Data Science - 73 %
 - First Year Project - 77 %

VOLUNTEER

Organization helper

At Ministry of Health's children's nursery(Ulaanbaatar, Mongolia)

- Organized party for children in nursery. Effectively communicated to make sure all tasks were completed on time.

AWARDS

2021

- Won Sparking The World's Potential Hackathon in "Over the Top" category (OrgAsset is best place to find the person who can answer your question)

PROJECTS

Personal Website

- www.tzaya.com

Grocery Finder(Team project)

- Your best friend when collecting groceries.
(University First Year Project)

KNOWLEDGE

Used for creating my own Website

HTML/CSS

Used for web scraping and made little side projects

Python

Used for doing coding challenges and competitive coding.

C++

Learned in university modules

C

ARM assembly language

Verilog

java

Python

Haskell

Learned and improved while working at ARM

C

MISRAC 2012

INTEREST

- Artificial Intelligence
- Hardware side of Computer
- Explore new ideas and innovations

HOBBY

- Reading books
- Climbing and hiking
- Trying new experiences

FAVORITE BOOKS

- The fountainhead by Ray Rand
- Educated by Tara Westover
- Crime and Punishment by Fyodor Dostoevsky