Dear Dr. Mohamed,

I'm Zeyad Mohamed, a student at Nile University. Our discussion yesterday pertained to a recommendation letter for my master's study application. You inquired about the necessary information to finalize the letter, and I am providing it below:

* **Personal information:**

1. Full Name: Zeyad Mohamed Nashaat Abdelghany.
2. ID: 19100584.
3. CGPA: 3.99.

I am a senior II in the Mechatronics engineering program. I had a fully funded scholarship during my whole undergraduate study. Also, I had a merit scholarship from Nile University for the first 3 years due to my GPA of 4.

* **Supervised Courses:**

Below are the courses for which you supervised me during my undergraduate journey:

1. ENGR001 (Introduction to Engineering): Grade
2. MENG321 (Electronic Devices and Applications): Grade
3. MENG326 (Computer Programming in Mechatronics Engineering): Grade
4. MENG391 (Practical Training) : Grade: P

In the final discussion of the course, we discussed my internship at NilePreneurs as an embedded system engineer. We discussed my role in the designed projects during my training.

* **Master's Program information:**

The European Master's Course in Embedded Computing Systems (EMECS) is a joint program designed to educate Bachelor graduates to become experts in Embedded Computing Systems. Here is a link below for the program:

<https://erasmus-plus.ec.europa.eu/projects/search/details/619721-EPP-1-2020-1-DE-EPPKA1-JMD-MOB>

* **Relevant experience to the master's Program:**

1. Hardware and Software Embedded System Engineer Intern:

I have been working for ID Tech as an embedded system engineer since 2021. I was trained as a software and hardware embedded system engineer at Nile University Design House. I helped the team to build software and hardware architectures for a given customer's projects. I designed a software program for digital weights, a widespread product in Egypt's market today. I also collaborated with a team to design the software and hardware system for a commercial smart home gadget. Below is a link for my projects during my internship period:

<https://github.com/ZeyadNashaat/Embedded-System>

       2. Embedded system Courses:

1. IMT course: Embedded C learning, Embedded systems concepts, and AVR peripheral interfacing (DIO, ADC, Interrupts, Timers, ...).
2. Embedded Automotive and AUTOSAR Device Drivers Course provided by EDGES Academy.
3. ARM Architecture based on TM4C Micro-controllers Course provided by EDGES Academy.
4. RTOS Course provided by EDGES Academy.
5. ID Tech Embedded Hardware Design Course.

       3. Exchange Program at RTU:

I was granted a fully funded scholarship related to the Erasmus+ project to join RTU in an exchange semester. In this semester, I took an advanced course in embedded systems where I learned about advanced microprocessors and MCU peripherals and how to make applications using them. During this semester, I encountered several different cultural perspectives which will help me during my master's study as well.

I have attached my CV for your reference. Please feel free to request any additional information if needed. Apologies for the length of the email.

Best regards,

Zeyad Mohamed.