| | | |
|---|---|---|
| Student | Jingjing Yang | 01.08.2021–31.07.2025 |
| Date of birth | 03.08.1991 | Studies continue |
| Student number | 2104210 | Credits **240 cr** |
| Programme | Bachelor's Degree Programme in Software Engineering | Completed **227 cr** |

| Studies | Credits | Assessment | Date |
|---|---|---|---|
| **Engineering Mathematics and Science** | **25 cr** | | |
| Mechanics and Thermophysics | 5 cr | 5 | 17.12.2021 |
| Electromagnetism, Waves and Atomic Physics | 5 cr | 5 | 18.12.2021 |
| Physics Laboratory Works | 3 cr | 5 | 09.05.2022 |
| Basics of Measuring and Reporting in ICT Engineering | 2 cr | 5 | 18.02.2022 |
| Mathematics 1 | 5 cr | 5 | 09.01.2022 |
| Mathematics 2 | 5 cr | 5 | 02.05.2022 |
| | | | |
| **ICT Engineering** | **35 cr** | | |
| Embedded Systems | 10 cr | 4 | 10.05.2022 |
| Embedded Projects 1 | 5 cr | 5 | 13.01.2023 |
| Embedded Projects 2 | 5 cr | 5 | 10.05.2023 |
| Network Technologies | 5 cr | 5 | 02.01.2023 |
| Server Technologies | 10 cr | 5 | 31.05.2023 |
| | | | |
| **Communication and Language Studies** | **12 cr** | | |
| Orientation to ICT Engineering Studies | 3 cr | 5 | 14.10.2021 |
| English for ICT Engineering Students | 3 cr | 5 | 12.01.2022 |
| **Language Studies** | **6 cr** | | |
| Finnish I / Swedish I | 3 cr *s1* | 4 | 20.09.2021 |
| Finnish II / Swedish II | 3 cr *s2* | 4 | 20.09.2021 |
| | | | |
| **Software Engineering** | **110 cr** | | |
| **Programming Languages** | **15 cr** | | |
| Programming Languages 1 | 5 cr | 5 | 07.01.2022 |
| Programming Languages 2 | 5 cr | 5 | 16.05.2022 |
| Programming Languages 3 | 5 cr | 5 | 14.12.2022 |
| **Device Oriented Programming** | **15 cr** | | |
| Mobile App Development 1 | 5 cr | 5 | 29.05.2023 |
| Mobile App Development 2 | 5 cr | 5 | 09.01.2024 |
| Operating System Concepts and Linux System Programming | 5 cr | 5 | 26.04.2024 |
| **Software Architectures and Engineering** | **10 cr** | | |
| Software Architectures and Design | 5 cr | 5 | 21.12.2023 |
| Software Implementation and Testing | 5 cr | 5 | 08.04.2024 |
| **Data Analytics and Machine Learning** | **20 cr** | | |
| Data Systems and Analysis | 5 cr | 5 | 12.12.2022 |
| Data Analysis and Visualization | 7 cr | 5 | 28.04.2023 |
| AI and Machine Learning | 8 cr | 4 | 17.12.2023 |
| **Web Development** | **25 cr** | | |
| Basics of Web Development | 5 cr | 5 | 26.05.2022 |
| Web Software Production | 5 cr | 5 | 13.01.2023 |
| Full Stack Web Development | 10 cr | 5 | 19.01.2024 |

5 = Excellent, 4 = Very Good, 3 = Good, 2 = Satisfactory, 1 = Sufficient, 0 = Fail, S = Pass

| Student | Jingjing Yang |
|---------|---------------|
| Student number | 2104210 |

| | | | | |
|---|---|---|---|---|
| API Service Development | 5 cr | | 5 | 22.11.2024 |
| **Graphical User Interfaces and Usability** | **10 cr** | | | |
| Software Requirements and Application Prototyping | 5 cr | | 5 | 18.12.2023 |
| Graphical User Interfaces | 5 cr | | 5 | 16.05.2024 |
| **Software Projects** | **15 cr** | | | |
| Software Project | 5 cr | | 5 | 11.12.2024 |
| Professional Software Development | 10 cr | | 5 | 21.05.2024 |
| | | | | |
| **Practical Training** | **30 cr** | | | |
| Practical Training 1 | 6 cr | *k1* | S | 20.09.2021 |
| Practical Training 2 | 12 cr | | S | 15.10.2024 |
| Practical Training 3 | 12 cr | | S | 15.10.2024 |
| | | | | |
| **Free-Choice Studies (MAX 15 ECTS)** | **15 cr** | | | |
| English in Global Context | 3 cr | *s3* | 5 | 20.09.2021 |
| Organizational Communication | 4 cr | *s4* | 5 | 20.09.2021 |
| Negotiations | 2 cr | *s5* | 4 | 20.09.2021 |
| Research Writing Skills | 3 cr | *s6* | 5 | 20.09.2021 |
| Business Mathematics | 3 cr | *s7* | 5 | 20.09.2021 |

**Compensated studies**

k1 =  Previous Higher Education Studies, 26.10.2020, HAMK University of Applied Sciences

**Inclusions**

s1 =  3.12.2017, HAMK University of Applied Sciences

s2 =  6.4.2018, HAMK University of Applied Sciences

s3 =  30.12.2017, HAMK University of Applied Sciences

s4 =  19.4.2018, HAMK University of Applied Sciences

s5 =  22.5.2018, HAMK University of Applied Sciences

s6 =  20.12.2019, HAMK University of Applied Sciences

s7 =  7.11.2017, HAMK University of Applied Sciences

Student                        Jingjing Yang
Student number       2104210

Electronic signature

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