



SAVONIA

Bachelor of Engineering Information Technology (Internet of Things)

Become an international expert in information technology with our IoT Programme

▶ **Application Period:** 5-22 January 2022W

Duration of the studies: 240 credits, 4 years

Mode of teaching: Full-time on campus

Place of study: Kuopio, Finland

The Internet of Things (IoT) Programme aims at developing information technology experts with a specialization in IoT. The

degree programme qualifies engineers to work in the fields of IoT and Big Data; especially, in companies operating within the digital health, and industrial sectors. The duties of an IoT graduate may vary from software design to electrical engineering, the design of smart wireless devices, and the whole IoT system in the cloud.

Our programme incorporates the Conceive, Design, Implement, Operate (CDIO)

method to enhance students' process of acquiring deep engineering know-how while developing communication, interpersonal, social and teamwork skills. IoT graduates are prepared to work in international environments and teams.

The structure of the IoT studies is based on process-thinking and the learning process is based on problem-based learning. The IoT programme develops students' competencies with a focus on the industrial, and digital health sectors.

■ **Digital Health:** Students learn how technology is transforming the healthcare industry. With the IoT healthcare applications, students acquire a clear vision of how different stakeholders, such as patients, families, doctors and hospitals, are benefited.

■ **Industrial:** Students get hands-on experience by working with digital factories connected with 5G communication platforms, clouds and various digital twin technologies. Students have the opportunity to gain scientific know-how on Enterprise Resource Planning (ERP), Manufacturing Execution Systems (MES), and Product Life-Cycle Management (PLM).

More information:

www.savonia.fi/iot



The IoT Programme of Savonia University of Applied Sciences prepares you to become an international expert in information technology with specialization in the IoT field.