

Companies need ICT experts

WANT TO BE A SOFTWARE DEVELOPER?

We offer a software development training, where you learn to develop proper, cyber secure software solutions. Highway 2 Code training is university level and free of charge, 6 months.

What

Basics of Software Technologies and Programming, 10 ECTS

Agile Customer-oriented Software Development, 10 ECTS

Cyber Secure Applications, 10 ECTS

Internship (6 weeks), 10 ECTS

Who

The applicant is required to have the willingness and enthusiasm to develop his or her own skills. The applicant benefits of logical thinking abilities and skills of problem solving. Previous experience of programming is beneficial but not mandatory.

Why

After the training, the student is ready for jobs in software business. Companies get the software experts they need for employees.

Schedule

Training starts in January 2020 and the duration in full is 6 months.

Execution of the training

Training is provided in Finnish and in English. Implementation is partly online studies and can be done alongside work. The training is primarily offered for people who complete the training, but it is also possible to apply for individual courses.

Applying and additional information

Application period for the training is
4 November – 24 November.

Please apply online www.studyinfo.fi.

For additional information about the training, please e-mail to: jari.isohanni@centria.fi.

In addition to Centria, H2C-training is given by Universities of Applied Sciences in Vaasa, Turku, Jyväskylä, Kajaani and Oulu.



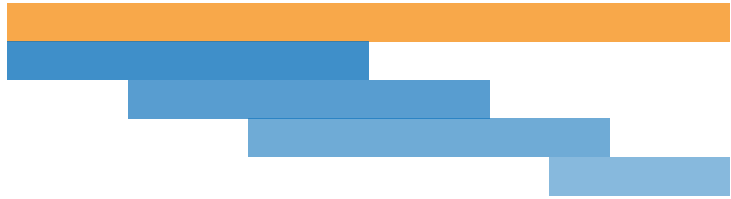
Ministry of
Education
and Culture

Preliminary schedule

Jan 2020	Feb 2020	Mar 2020	Apr 2020	May 2020	June 2020
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2nd implementation

Basics of software technologies and programming
Agile customer-oriented software development
Cyber secure applications
Internship



3rd implementation begins at autumn 2020

Basics of Software Technologies and Programming, 10 ECTS

This course focuses on the management of competence areas related to server software development, including the basics of programming and software engineering from the point of view of processes, methods and programming itself. The programming language used is Python.

The basics of programming

- The basics of programming, Python
- Object-oriented programming

Practical implementation of software projects

- Version control
- Design and testing
- Architectures

Agile Customer-oriented software development, 10 ECTS

The agile development of software is important for today's businesses, and the course will teach the basics and tools of agile development and the role of customer orientation in software development. This course implements Scrum and Jira tools, and applications are created in projects through prototypes, service design and iterative development.

- Scrum as a framework for software development and use of Jira
- User interfaces and their development with Adobe XD

Cyber secure applications, 10 ECTS

Application development and information security are an important part of today's software. It is increasingly important to implement security on challenging software. This course teaches you about skills of how to develop backend application using Python and make them secure.

- The Ministry of Finance's "Vahti" guidelines as a source
- Programming exercises (Python)
- Development of Restful backend applications with Python

Internship (6 weeks), 10 ECTS

