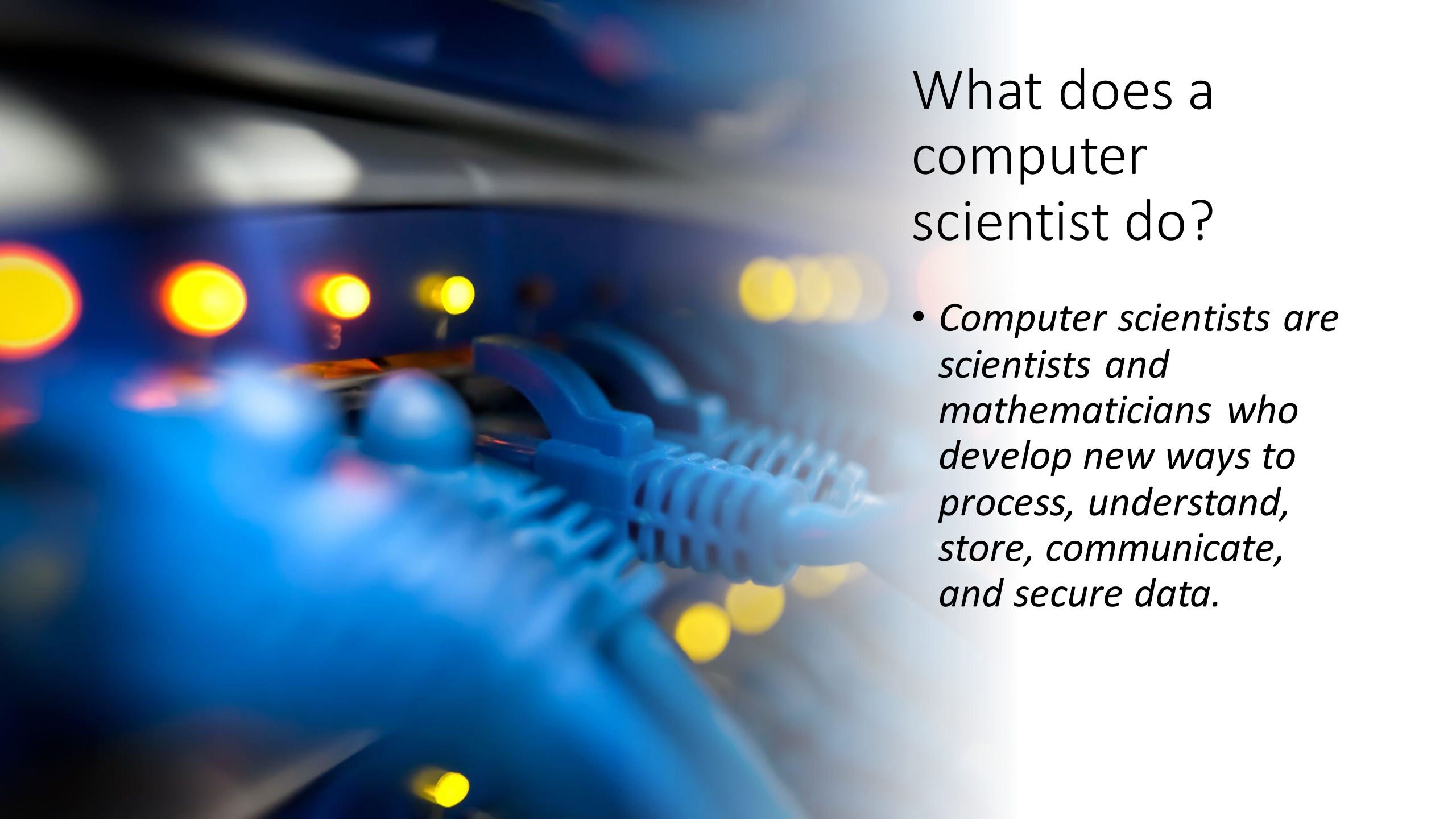




# Computer Science

Career of the week

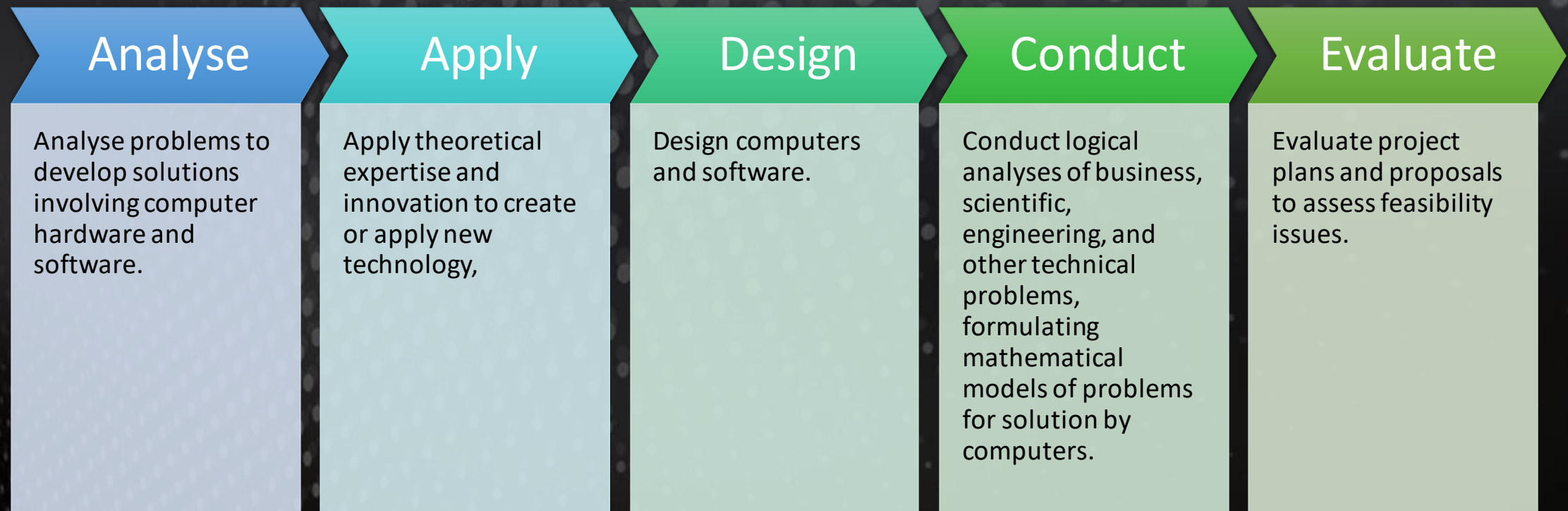




# What does a computer scientist do?

- *Computer scientists are scientists and mathematicians who develop new ways to process, understand, store, communicate, and secure data.*

# What work is involved?





What skills  
are needed  
to be a  
computer  
scientist?



**Complex Problem**



**Critical Thinking**



**Judgment and Decision Making**



**Active Listening**

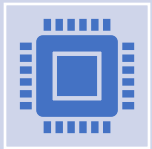


**Reading Comprehension**

# Routes into computer science



**FET Centre Traineeship** Software development, ICT Systems and Principles for IT Professionals NFQ level 5



**FET centre Post leaving cert** Computer Games Programming, Computer Programming, Programming and Software Development, Games Design & Development, Software development for apps/ games / network Architecture, Computer Science NFQ level 5-6



**Apprenticeship Route** Software Development Associate, Equipment Systems Engineer, ICT Cybersecurity, ICT Network Engineer, ICT Software Developer, Manufacturing Data Integration Engineer, Software Solutions Architect, Telecommunications and Data Network Technician at NFQ Levels 6-9

# Routes into computer science



[Higher education entry CAO](#) Arts - Computer Science, Business Studies/Computer Science, Computational Thinking (Computer Science, Maths & Philosophy, Computer Science, Science/Maths/Computer Science with Education NFQ level 8



[Springboard courses](#) ICT Conversion courses are also available via at NFQ level 6-9

# Where can I find more information

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Caeersportal.ie

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Qualifax.ie

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Eunicas.com

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Ucas.com

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Careersnews.ie

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CAO.ie

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Apprenticeship.ie

- Ask your teachers

- Ask your guidance counsellors

- Ask friends and family