Teaching CV

Ole Dolriis

The Maersk Mc-Kinney Moller Institute

SDU Robotics

Postal address:
Campusvej 55
5230
Odense M
Denmark
Email: od@mmmi.sdu.dk
Mobile: 24408694
Fax: 66157697
Phone: 24408694

Background

After having worked for 17 years in the software industry, I joined the position as a teacher at Tietgen School in Odense on August 1, 1993—where I was employed for eight years.

In the beginning I taught both the Informatikassistentuddannelsen (upper secondary education) and the Computer Science education (KVU); the last four years I taught exclusively the latter.

In 1995, I passed the Business Teacher Diploma in EDB, an educational program offered by the State's Vocational Pedagogy Teaching Education.

When I gained employment at the Engineering Folk School in Odense in 2001, I was able to be employed as an associate professor by virtue of this education.

In 2004 I became the education coordinator for the education of Bachelor of Engineering in Information and Communication Technology. In 2010, I became the educational coordinator for the Civil Engineering education in Robot Technology. A position I managed until August 1, 2020.

Teaching philosophy

The most significant thing I learned throughout the years of being a teacher, is that you must be true to your temperament. If you pretend to be somebody else than who you really are, there is a greater risk of things going wrong.

My temper is more pleasurable than disciplined, so when I must solve tasks, I prefer to be situational. Furthermore, I prioritize dialogue-based teaching.

This means, that the students' reaction to my teaching in a concrete situation can have a great impact on the remains of the lecture. So, for me it does not make sense to plan out every single lesson go to the smallest detail. This rather experimental approach also has a downside because experiments can go wrong. However, experience is a good thing when it comes to avoiding catastrophes and putting out fires which you will also become better at if needed.

Ever since I have been a teacher, it has been important for me to improve both professionally and pedagogically, which has meant that I continually take to teaching in new subjects.
The only subject that I have taught throughout my academic career is basic programming and this is also where my greatest vocational qualifications lie. Given that I have been engaged with programming full time for around thirteen years within the industry. I have if you may say, been in the same shoes as my students. This means that I have good prerequisites for helping them on their way.

As a lecturer in basic programming, one usually experiences a great amount of diversion in students' prerequisites, abilities, and interests for the subject, and the way I access the best possible teaching can best be described with a metaphor from the world of sports. I view it as my job to ensure that the main field does not fall for the time limit and NOT to help possible breakaways get over the next mountain.

Teaching portfolio

Informatikassistenuddannelsen, Tietgen School, Odense, 1993-1997

• Mathematics B
• Labor market conditions
• Structured analysis

Computer Science Education, Tietgen School, Odense, 1993-2001

• Business economics and organization
• Basic programming C++ (1997-1999), Java (1999-2000)
• Object oriented analysis and design
• Advanced programming
• Advanced system development

Bachelor of Engineering in Information and Communication Technology, IOT and SDU, 2001-2014

• Basis programming (1st and 2nd semester)
• System Development 1 – Object oriented analysis and design (2nd semester)
• System Development 2 - Software architecture and data bases (3rd semester)
• System Development 3 – Development of big systems; IT pre-study (4th semester)
• System Development 4 – Management of IT-systems and IT-projects, ethics and professionalism (5th semester)
• Entrepreneurship and Innovation (5th semester)
• Theory of Science (5th semester)
• Agile software development (4th semester)
• Counseling of semester projects (1st -4th semester)
• Internship counselling (6th semester)
• Bachelor supervisor (final project, 30 ECTS, 7th semester)

IT Diploma Programme, IOT, 2002-2005

• Program Development
• Object-oriented system development and basic system components
• Thesis supervisor (15 ECTS)

Civil- and diploma engineering educations in Robot Technology, SDU, 2010-2020

• Basic programming in Java and C++ (2nd and 3rd semester)
• Advanced software development (3rd semester)
• Software development (4th semester)
• Algorithms and data structures (5th semester)
• Supervisor of bachelor's projects (15 ECTS, 6th semester)
• Theory of Science (6th semester)
• Android development (8th semester)
• Robot systems design (8th semester)

Along with the civil engineering programs in Physics and Technology, Welfare Technology, Learning- and Experience Technology, Software Engineering, Energy Technology and the diploma engineering programs in Electrical Engineering, Electrical Power, and Software Technology.