

# Sune Debel

software developer

## contact

Vester Voldgade 2, 4 th  
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## languages

danish mother tongue  
english fluency  
basic french & german

## programming

C# F# Java Scala C R  
Python Objective C  
TypeScript JavaScript  
HTML CSS

## education

2015–Now	<b>MSc</b> of IT and Cognition Specialisation in Computational and Mathematical Modelling	University of Copenhagen
2011–2015	<b>Bachelor</b> of Software Development	IT University of Copenhagen, Copenhagen
2006	<b>Conscript</b> in the Danish Armed Forces Advanced first aid and basic fire-fighting	Engineering Regiment, Skive

## experience

2015–Now	<b>Monsenso</b> <i>Software Developer</i> <ul style="list-style-type: none"><li>• Building Apache Spark applications in Scala.</li><li>• NoSQL data modelling.</li><li>• Exploratory data analysis in Python.</li><li>• Cross-platform mobile applications programming.</li><li>• Programming back-end and front-end of web applications.</li></ul>	Copenhagen, Denmark
2014–2015	<b>IT University of Copenhagen</b> <i>Teaching Assistant</i> <ul style="list-style-type: none"><li>• Instructing graduate students in the course <i>Programming Language Concepts and Implementations</i></li><li>• Grading student hand-ins written in C#.</li><li>• Supervising exercise sessions and supervising students with programming problems related to programming language theory such as lexing, parsing, compilation etc.</li></ul>	Copenhagen, Denmark
2014	<b>IT University of Copenhagen</b> <i>Teaching Assistant</i> <ul style="list-style-type: none"><li>• Instructing undergraduate students in the course <i>Mobile and Distributed Systems</i></li><li>• Grading student hand-ins written in Java.</li><li>• Supervising exercise sessions and supervising students with programming problems related to distributed systems theory.</li></ul>	Copenhagen, Denmark
2014–2015	<b>IT University of Copenhagen</b> <i>Teaching Assistant</i> <ul style="list-style-type: none"><li>• Instructing undergraduate students in the course <i>First-year Project: Map of Denmark: Visualization, Navigation, Searching, and Route Planning</i></li><li>• Supervising students in a large-scale group programming project, written in Java.</li></ul>	Copenhagen, Denmark

2014	<b>IT University of Copenhagen</b> <i>Teaching Assistant</i> <ul style="list-style-type: none"> <li>Instructing undergraduate students in the course <i>Functional Programming</i></li> <li>Grading student programming hand-ins, written in F#</li> </ul>	Copenhagen, Denmark
2013	<b>IT University of Copenhagen</b> <i>Teaching Assistant</i> <ul style="list-style-type: none"> <li>Instructing undergraduate students in the course <i>Introductory Programming</i></li> <li>Grading student programming hand-ins, written in Java</li> <li>Supervising students in a group programming project</li> </ul>	Copenhagen, Denmark
2011–2012	<b>PostDK</b> <i>On-Site Hardware Supporter</i> <ul style="list-style-type: none"> <li>Maintenance, configuration and trouble-shooting of <ul style="list-style-type: none"> <li>Network hardware</li> <li>PC hardware</li> <li>Printers</li> </ul> </li> <li>Windows user administration</li> </ul>	Copenhagen, Denmark
2009-2010	<b>YouSee</b> <i>Customer Hardware Supporter</i> <ul style="list-style-type: none"> <li>Advising customers on hardware options</li> <li>Troubleshooting customer hardware</li> <li>Assisting customers with hardware and software configuration</li> </ul>	Copenhagen, Denmark

## technical strengths

<b>Protocols</b>	REST, SOAP, TCP, HTTP
<b>Databases</b>	MySQL, Microsoft SQL, CouchSpace
<b>Tools</b>	GIT, UML, Visual Studio, Eclipse Jira, Grunt, Karma
<b>Frameworks</b>	Entity Framework, WCF, LINQ, JDBC, AngularJS, NodeJS, NancyFX, Apache Cordova, Jasmine Bootstrap
<b>Theory</b>	OOAD, Design patterns, Algorithms and data-structures, Database Design, Programming language theory, Operating systems theory, User interface design theory, Software engineering, Data mining

## interests

**professional:** AI and machine learning, data mining, programming language design, software architecture, OO analysis and design **personal:** music, cooking, sailing, diving, hiking