Curriculum Vitae

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Personal Information

Full Name:	**Deniz Kennedy**
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Nationality:	British and Turkish
Languages:	English (Fluent), Turkish (Fluent), Spanish (Limited)
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Education

09/2012 – 08/2015 **Uppsala University, Sweden**:
M.Sc. in Computational Science (12/2014) followed by additional courses in Computer Science

09/2011 – 01/2012 **University of L'Aquila, Italy**:
Erasmus Mundus M.Sc. in Mathematical Modelling in Engineering (Discontinued), *(Erasmus Mundus Scholarship Category B)*

09/2006 – 06/2011 **Middle East Technical University, Ankara, Turkey**:
B.Sc. in Physics, *(Hons, 2 High Honour and 2 Honour Certificates)*

Profile

I am a computational scientist with the good knowledge of mathematics and programming. I have studied at leading universities in Turkey and Sweden. During my education I have collaborated with students and lecturers of almost every nationality in order to deliver collective projects to tight deadlines. I continue to develop my knowledge of programming and mathematics on a daily basis.

Projects

06/2015 – Now **GitHub Projects**
Website: `https://github.com/dekespo`. My various codes in different fields including a blog.

02/2014 – 12/2014 **Level Set Methods for Two-Phase Flows with FEM**
M.Sc thesis project at Uppsala University. The project consisted of implementing and analysing a convection equation in fluid dynamics using complex numerical and mathematical models with MATLAB .

11/2013 – 02/2014 **Sensitivity of Optimal Solutions for Hot Rolling with MATLAB**
Project course at Uppsala University provided by the company ABB. A given large project was used as a black box and sensitivity analysis was done with MATLAB optimization solvers.

01/2011 – 06/2011 **Theoretical and Computational Investigation of Propagation of Short Laser Pulses in Nonlinear Optical Media**
B.Sc thesis project at METU. The project involved formulation (in Mathematica) and implementation (in MATLAB) of a system of physics equations in Nonlinear Optics.

Computer Skills

Levels:

Proficient:	MATLAB/Octave, Python, VIM
Upper Intermediate:	C/C++, Word/Excel/Powerpoint/LaTeX
Intermediate:	R, C#, Lua, SQLite/MySQL, git/GitHub, JavaScript, CLI, Linux/Windows
Pre-Intermediate:	Java, VBA, MPI/Pthreads/OpenMP, .Net, HTML, CSS, AngularJS, Mathematica, Unit Testing, WPF
Basic:	Shell(Bash), JQuery, Symfony2, Apache Hadoop/Spark, PHP, WCF

Work Experience

11/2013 – 02/2014 **ABB Group, Västerås, Sweden**:
Project in Sensitivity of Optimal Solutions for Hot Rolling with MATLAB. At the time, there were two different projects, which are the company needed to test before the physical manufacturing. I worked on my project alone whereas two colleagues worked on the other project. We often collaborated with each other to help and improve the quality of the projects as they had similar goals and we managed to show the test results before the deadline.