

Curriculum Vitae

02-01-2017

Personal Information

Full Name: **Deniz Kennedy**
Nationality: British and Turkish
Languages: English (Fluent), Turkish (Fluent), Spanish (Limited), Swedish (Basic)
E-mail Address: denizkennedy@gmail.com

Work Experience

07/2016 – Now **ODC Business Solutions, Ankara, Turkey:**
Junior Software Developer
Developing certain web and telecommunication services for clients in .NET environment with C#, ASP.NET MVC, HTML5, JavaScript, JQuery, AJAX, JSON, XML, CSS3, DBMS, LINQ to SQL, NHibernate, Redis, RabbitMQ in a team.

11/2013 – 02/2014 **ABB Group, Västerås, Sweden:**
Project in Sensitivity of Optimal Solutions for Hot Rolling with MATLAB.
Implemented and analysed the constraints of its optimization in the given large code, which is used as a black-box, and worked on the project both individually and with colleagues.

Projects

06/2015 – Now **GitHub Projects**
Website: <https://dekespo.github.io/portfolio>. My various programming work 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.

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*)

Computer Skills

Levels:	Programming Languages	Frameworks, Libraries, APIs	Markup Languages, IDEs, OS's, CLIs	Others
Proficient:	Python, MATLAB, Octave	-	-	VIM
Confident with:	C/C++, C#, R, SQL, JavaScript	.NET, TkInter, HTML5 Canvas	HTML, CSS, Visual Studio, Linux, Windows	Word, Excel, Powerpoint, LaTeX, git, GitHub
Familiar with:	Lua, Java, PHP, Wolfram Mathematica	MPI, Pthreads, OpenMP, JQuery, AngularJS, AJAX	Android Studio, Android, Bash, PowerShell	Unit testing, JIRA, Confluence