

# Attila Nagy

*Curriculum Vitae*

## CONTACT

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## EDUCATION

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### Deep Learning Nanodegree

*Udacity, [www.udacity.com](http://www.udacity.com)*

01/2017 – 06/2017

Assignment 1: Vanilla Neural Network from scratch  
Assignment 2: Image Classification by Convolutional Neural Network  
Assignment 3: TV script generation by Recurrent Neural Network  
Assignment 4: Language-translation by Recurrent Neural Network  
Assignment 5: Face image generation by Generative Adversarial Networks  
Source-code: [https://github.com/NagyAttila/Udacity\\_DLND\\_Assignments](https://github.com/NagyAttila/Udacity_DLND_Assignments)  
Syllabus: <https://www.udacity.com/course/deep-learning-nanodegree-nd101>

### MSc. Computer Science

*Chalmers University of Technology, Sweden*

09/2012 – 04/2014

Specialization: Distributed Systems and Networks  
Thesis' Title: Energy Efficient, High-speed Communication in Wireless Sensor Networks  
Thesis' Keywords: Opportunistic Routing, Bulk-transfer, TinyOS, nesC  
Student Project: Carolo Cup, Germany, self-driving miniature cars, team leader  
Research Project: Smart-meter classification and disaggregation using SVM

### ERASMUS Scholarship

*University of Applied Sciences Ravensburg-Weingarten, Germany*

09/2008 – 01/2009

Field: Embedded Systems

### BSc. Electrical Engineering

*Obuda University, Hungary*

09/2004 – 06/2009

Specialization: Embedded Systems  
Thesis' Title: Robot Simulation in OpenGL Environment  
Thesis' Keywords: Industrial robot simulation, OpenGL, C++.  
Student Project: Remote-controlled miniature car via bluetooth, 8-bit Atmega micro-controller

## WORK

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### RMBLStrip

09/2017 – Currently

*Software Architect and Developer, Sweden, Full-time*

*Roles:* SW Architect, Algorithm Developer  
*Programming:* Matlab, Python  
*Applications:* Adaptive Roof-Deflector, Data-Analysis  
*Principles:* Scrum, Agile

### Volvo Cars Corporation

07/2014 – 07/2016

*Self-Driving Car Engineering, Sweden, Full-time*

*Roles:* Self-Driving Car Developer, Unit Tester  
*Programming:* Matlab, Simulink, Python, C++  
*Applications:* Active-Safety, Data-Analysis, Sensor-Fusion, Mapping, Logging  
*Principles:* Scrum, Agile

### Nokia Siemens Networks

08/2009 – 08/2012

*Software Engineer, Hungary, Full-time*

*Roles:* Scrum Master, Functional Developer, Unit Tester, Maintenance  
*Programming:* C/C++, Python, Perl, BASH, TNSDL, LDAP  
*Testing:* CxxTest, testAnt, Jenkins  
*Debugging:* GDB, Valgrind, oProfile  
*Principles:* Scrum, Agile, TDD

## INTEREST

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*Technical:* machine learning  
free/open-source software  
functional programming

*Sports:* rock climbing  
acroyoga  
slacklining

*Other:* fermentation  
politics  
meditation