

Attila Nagy

Curriculum Vitae

CONTACT

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*Git*Hub <https://github.com/NagyAttila>

EDUCATION

Deep Learning Nanodegree

Udacity, 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
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

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

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

Sports: rock climbing
acroyoga
slacklining

Other: fermentation
politics
meditation