Samy Shihata

samy.s.shihata@gmail.com

EDUCATION

THE GERMAN UNIVERSITY IN CAIRO

BS in Computer Science and Engineering

Expected June 2015 | Cairo, Egypt
Conc. in Computer Science
Faculty of Media Engineering and Technology
Highest Honors (All Semesters)
Second top ranked student (class 2015)
Cum. GPA: 0.89 /0.7

EL NASR BOYS SCHOOL

Grad. May 2010 | Alexandria, Egypt

LINKS

Github:// **sshihata**
Quora:// **Samy-Saad**

COURSEWORK

UNDERGRADUATE

Theory Of Computation
Knowledge Representation and Reasoning
Machine Learning
Artificial Intelligence + Practicum
Analysis and Design of Algorithms
Functional Programming
Declarative Programming
Compilers + Practicum
Operating Systems
Computer Graphics + Practicum
Computer Vision
Software Engineering

SKILLS

PROGRAMMING

Over 5000 lines:
C • C++ • Java • C#
Matlab • Rails
CSS • HTML • Javascript
Over 1000 lines:
Prolog • Python • Visual Basic
SQL • Verilog
Familiar:
CHR • Haskel • Lisp • LaTeX

DEVELOPEMENT

Agile • Git • Svn

EXPERIENCE

AUGSBURG UNIVERSITY | Software Engineering Intern

June 2014 – July 2014 | Augsburg, Germany
- Added EEG classification to the SSI Framework.
- Designed and developed EEG classifier from scratch

INTEL EGYPT | Software Engineering Intern

June 2014 – Sep 2014 | Cairo, Egypt

- Text Sentimental Analysis using Machine Learning.

THE GERMAN UNIVERSITY IN CAIRO | Web Developement Intern

May 2013 – Aug 2013 | Cairo, Egypt
- Part of a team that created an introductory website to the university.
- Project is currently in beta testing.

BACHELOR THESIS

EMOTION RECOGNITION: SUPERVISED CLASSIFICATION OF EEG SIGNALS

Supervised by **Prof. Dr. Elizabith André** while working on **AuBT**, a Matlab toolbox for analysing physiological signals. I was tasked with adding support for EEG classificaion, starting with signal parsing and feature extraction. I also implemented EEG-specific classifiers.
After validation of results, I ported the code from Matlab to C++ for integration into the SSI framework.

AWARDS

2013	The German University in Cairo Full Semester Scholarship
2013	Academic Excellence Award
2011	The German University in Cairo Partial Semester Scholarship
2011	Academic Excellence Award
2010	The German University in Cairo Partial Scholarship

SOCIETIES

2014	Artificial Intelligence Research Group

LANGUAGES

English	Fluent
Arabic	Mother tongue
German	Basic