

Francesco SIANI

PERSONAL DATA

BORN: Agropoli (SA), Italy | 04.05.1993
ADDRESS: Viale dei Pioppi 20/B, Salerno, Italy
PHONE: +39 388 4577630
EMAIL: francesco.siani.cs@gmail.com
GITHUB: github.com/frsi
BLOG: frsi.github.io

WORK EXPERIENCE

CURRENT	DATA SCIENTIST INTERN at ARTHUR D. LITTLE UK
MAR 2018	Worked on the end-to-end process to deliver AI and ML based solutions to a wide variety of clients of the Digital practice.

EDUCATION

JUL 2017	MASTER'S DEGREE IN COMPUTER SCIENCE
SEP 2014	Major: Networks and Software Technologies 110/110 <i>summa cum laude</i> Università degli Studi di Salerno Thesis: An Information Theoretic Approach to Deep Learning Advisor: Ugo VACCARO
APR 2016	ERASMUS TRAINEESHIP PROGRAMME AT SERVICE NOW (UK)
OCT 2015	Worked on several internal projects.
JUL 2014	BACHELOR'S DEGREE IN COMPUTER SCIENCE
SEP 2011	110/110 <i>summa cum laude</i> Università degli Studi di Salerno Thesis: Massive Visualization with WebGL Advisor: Vittorio SCARANO

SKILLS

LIBRARIES AND TOOLS

Familiar with SCIKIT-LEARN and TENSORFLOW as Machine Learning tools as well as other data science tools in the SciPy ecosystem (PANDAS, NUMPY, ...).

Did several mobile apps both in native code for Android and iOS (Swift) and with React Native.

Experienced with versioning system such as GITHUB.

Used and learned to love L^AT_EX for high-quality documentation production.

Used distributed software such as Hadoop in academic projects.

Familiar with Windows, OS X and Linux environments.

FIELDS OF INTERESTS

Machine Learning, Algorithms, Data Science, Data structures, Parallel computing, Concurrency, Information Theory, Software Engineering, Social Networks.

PROJECTS

CURRENT	I'll think of something clever
SEP 2017	Developed a website to showcase a few data science projects I've been working on, involving mostly data visualization and machine/deep learning. Link
MAR 2017	Mobile Developer at UNICAFE
JUL 2015	Design, implementation, optimization of native apps for iOS and ANDROID.
SEP 2016	Sponsored Search and Page Rank Algorithms
MAY 2016	<i>Università degli Studi di Salerno</i> Social Networks Implementation and optimization of sponsored search and page rank algorithms. Git Worked with professors V. AULETTA and D. FERRAIOLI
JUL 2016	Swift Language Parser
APR 2016	<i>Università degli Studi di Salerno</i> Compilers Analysis and implementation of a parser using the official Swift documentation as reference. Worked with professors G. COSTAGLIOLA
JUL 2015	Panic Spreading
	<i>Università degli Studi di Salerno</i> Distributed Systems Simulating people's reaction to catastrophic events with a distributed software. Worked with professor G. CORDASCO
FEB 2015	An heterogeneous and distributed algorithm to compute BC on massive graphs
	<i>Università degli Studi di Salerno</i> Parallel and Concurrent Programming Distributed Algorithm to compute BC on massive graphs. The implemented software works on heterogeneous cluster using both GPU and CPU in a weighted fashion. Git Worked with professor V. SCARANO
FEB 2015	Sentiment Analysis on Twitter with Hadoop
JAN 2015	<i>Università degli Studi di Salerno</i> Sistemi Operativi Avanzati Implementation and analysis of a software to perform Sentiment Analysis on big dataset (>500 Gb) from Twitter with distributed framework Hadoop. Work with professor G. CATTANEO
JAN 2015	Viral disease simulation model
DEC 2014	<i>Università degli Studi di Salerno</i> Wireless Networks Distributed Software to study viral disease spreading with SEIR model.

LANGUAGES

ITALIAN: Mother tongue
ENGLISH: Fluent

PERSONAL INTERESTS

PHOTOGRAPHY Amateur photographer since high school.

TRAVEL I travelled a lot throughout the years, having visited: Iceland, France, Germany, Italy, Netherlands, Belgium, Poland, Hungary, Slovakia, Austria, Czech Republic, United Kingdom, Sweden, Estonia, Lithuania, Latvia, Norway, Finland, Spain, Morocco.