ALEXANDRU ȘERBAN

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ABOUT ME

I consider myself a determined, effective, efficient and disciplined person, always striving to be a better individual than yesterday in any way possible.

I am interested in data science and analytics roles, as I have deep interest into developing cutting edge machine learning algorithms grounded in the reality of the organizations. I believe that through comprehensive data and AI modelling we can shape new understandings about the way we do business, understand society-wide concepts and, ultimately, live.

PRACTICAL EXPERIENCE

(August 2019 – October 2019, 3 months, 50h/week)

RESEARCH ANALYST INTERNSHIP
Kempen & Co. Merchant Bank, Amsterdam, The Netherlands

Working in the Benelux public equity coverage team with senior analysts in fintech, industrials and oil & gas, my experience consisted of strategy, product and market analysis, modelling, data visualisation and macroeconomic data analysis. Besides my regular tasks, I was proud to help with the advertising of the annual conference held in London through Bloomberg portal and account management.

(October 2018 – April 2019, 7 months, 2h/week)

SENIOR TEAM MEMBER
RISK Investment Team; Faculty of Economics and Business, Rijksuniversiteit Groningen, The Netherlands

Each three weeks we met to discuss investment opportunities and relevant market developments, managing jointly ca. 20,000EUR. Before meetings, team members worked in groups to come up with pitches for new investments in different types of asset classes.

(Aug 2010 – Aug 2018, 8 years, 20h/week)

VARIOUS ROLES - Assistant Manager, Junior Accountant, Junior Treasurer
SC Altai SRL Iasi, Romania

I began early to learn the fundamentals of business processes, working at my family's small retail firm, having its core activity in plastic products distribution. I was assigned with basic bookkeeping tasks in the beginning, and, after approximately 3 years, tasked to do all junior accounting tasks, such as inventory management, internal and external financial reports. Moreover, I have been assigned to manage some of the communication channels with clients and the role of junior treasurer since 2014.

(May 2016 – June 2016, 1 month, 5h/week)

TEAM LEADER
Business Administration „Open-Doors Week" Team; "Alexandru I. Cuza" University Iasi, Romania

I worked together with 12 colleagues from Business Administration programme in a team which was assigned to come up with a marketing campaign to promote our specialization. During enrolment period, 51 students got accepted for Business Administration program and 15 for Economics and Finance, the other faculty newly implemented English program, from a total of 69 spots assigned from the faculty, a 96% success rate.

(June 2015 – Aug 2015, 3 months, 10h/week)

BUDGETING RESPONSIBLE – FINANCE DEPARTMENT
& FINANCE MANAGER
Grow Summer Project; AIESEC Iasi & "Scoala de Valori", Romania

Grow is a Romanian project which consists of informal workshops destined for high school students, to better prepare them for life more practical situations (budgeting, time and stress management, teamwork etc.). My responsibilities included planning a budget for the project, forecasting cash movements, manage cash inflows/outflows, trainers' accommodation and materials procurement.

(Jan 2015 – June 2015, 6 months, 10-20h/week)

PROJECT MANAGER
AIESEC Academy – Entrepreneurship School; AIESEC Iasi, Romania

Academy was a local initiative targeted for university students that brought closer together the professionals of the industries and the participants. I had the opportunity to coordinate a team of 4 members whilst being a part of the entire project staff of 16 people. This experience enabled me to have the comfort and ease I now have with working in teams and setting up the workload efficiently and effectively among team members.

(Nov 2014 – Aug 2015, 9 months, 5-10h/week)

SALES MEMBER – BUSINESS DEVELOPMENT DEPARTMENT
AIESEC Iasi, Romania

While being an AIESEC member I picked up a lot about strategy and evaluation practices, sales processes in general and complex organizational structures as a whole and the business environment in Iasi. At that moment AIESEC consisted of around 200 members and had 9 boards, with several sub-committees, a student organization involved in several local and international projects.

EDUCATION

DATA ANALYST *(COMPLETED)* AND SCIENTIST PATHS
(Aug 2019 – Present)
Dataquest.io
Online education platform that teaches Python and relevant libraries, SQL, Spark in order to get a comprehensive understanding of data -cleaning, -analysis, -visualization, statistics, calculus and machine learning in the data science workflow.

MACHINE LEARNING COURSE
(Nov 2019 – Present)
Stanford University, California, USA through Andrew Ng on Coursera
This course offers an extensive introduction to machine learning, datamining, and statistical pattern recognition. As one of - if not the – most recommended course on machine learning I managed to get a better and more exhaustive general perspective in the field.

MSC FINANCE (DOUBLE DEGREE)
(Oct 2017 – July 2019)
Faculty of Economics and Business, Rijksuniversiteit Groningen, The Netherlands
Faculty of Economics and Business Administration, "Alexandru I. Cuza" University Iasi, Romania
Two years of study, one at "Alexandru I. Cuza" University of Iasi, one at Rijksuniversiteit Groningen.
Master Thesis: The Performance of Cross-Border Venture Capital-backed IPOs: Anglo-Saxon versus Rhine Capitalism. Graded 10 at "Alexandru I. Cuza" University Iasi and 8 at Rijksuniversiteit Groningen.

CHARTERED FINANCIAL ANALYST EXAM, LEVEL 1
(Dec 2017)
CFA Institute, Charlottesville, Virginia, United States
Passed, above 90th percentile of all candidates. Covers topics such as statistical quantitative methods, economics, corporate finance, financial analysis, derivatives, and investment asset classes.

BUSINESS & FINANCIAL MODELLING SPECIALIZATION
(Nov 2016 - Oct 2017)
Wharton School of Business; University of Pennsylvania, Philadelphia, USA
Online specialization that covered topics such as: Fundamentals of Quantitative Modelling, Spreadsheets and Models, Modelling Risk and Realities, Decision-Making and Scenarios. The specialization concluded with a project, an investment strategy recommendation in a portfolio based on a model I constructed.

BACHELOR OF BUSINESS ADMINISTRATION
(Oct 2014 – Jul 2017)
Faculty of Economics and Business Administration; "Alexandru I. Cuza" University Iasi, Romania
Thesis title: Impact of Mergers and Acquisitions on the Stock Price of Listed Companies. *Thesis graded with 10.*

ENTREPRENEURIAL MANAGEMENT, GUEST SEMINARS
(Mar – May 2014)
ASII; "Alexandru I. Cuza" University Iasi, Romania
The Managing Partner from consultancy group BDO Iasi, introduced us during 8 weekends (2hrs/day) to most aspects of a start-up from a venture capital/consulting point of view. I earned the Merit Diploma as a result of a well-made business plan.

(Sep 2010 – Jul 2014)
HIGH SCHOOL
"Garabet Ibraileanu" National College Iasi, Romania *(11th – 12th grade)*
MATHEMATICS AND COMPUTER SCIENCE *(Baccalaureate exam: 9.8/10 in Maths and 8.6/10 in Computer Science)*
(9th – 10th grade)

PHYLOLOGY – ENGLISH LANGUAGE & LITERATURE CLASS

COMPETITIONS

IntQuant, Advanced Topics in Risk Management *2018 Winner Team*
In the course of two weeks I participated in an intensive programme scheme regarding counterparty risk management in banking. The capstone of the course was an Internal Ratings Based model to find out the Risk Weighted Assets (according to Basel III guidelines).

CFA Research Challenge EMEA Regional *2017*
CFA Research Challenge Romania *2017 Winner Team*
I was the team leader among 5 whose task was to emulate the tasks of Financial Analysts for 5 months and issue an investment recommendation for Electrica SA through a DCF model and industry analysis, a thorough report of 10 pages.

Directa Trading University Challenge *2016*
Traded on international markets in a team of 4 on American and Italian stock markets for a duration of 4 months.

Impromptu Spoken English Contest *9th, 10th, 11th grade of high school*
2nd, 3rd and 1st prize, in the above chronological order in a regional improvised presentation contest.

COMPETENCIES & OTHER

Tech skills

Microsoft Office	**Python –** Intermediate (with	**Languages**	**Other**
Word – Advanced	NumPy, Pandas, SciPy, scikit-	Romanian – Native	European Driving Licence
Excel – Advanced	learn, Matplotlib, Seaborn)	English – IELTS Academic C1	
PowerPoint – Advanced	**R -** Elementary	French – Elementary, A2	Several participations at
	C++ - Elementary		workshops and business
Statistical Software	**MATLAB -** Elementary		events
Stata - Intermediate	**PostgreSQL -** Intermediate		
SPSS – Intermediate	**Photoshop -** Intermediate	**Interests**	
Eviews – Intermediate	**Bloomberg Professional -**	Fitness, Technology, Science, Psychology, Videogames,	
	Intermediate	Cuisine, Boardgames, Comic Books and Films, Bass Guitar.	