ALEN XXX

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WORK EXPERIENCE

First Derivatives Ireland- *Data Scientist*   Dublin, Ireland | March 2017-Present
FD is leading provider of products and consulting services to world's largest finance, technology and energy institutions.
- Responsible for creating a series of end of day reports to summarize daily eFX trading for each client

Sense Consulting - *Intern, Financial Advisory and Investor Support*   Zagreb, Croatia | August-October 2014
Croatian business consulting company specialized in financial-investment consulting
- Researched and detected market of environmental and flood protection in Croatia in 2014 to 2020
- Developed business plan for a leading Croatian manufacturer of PVC and ALU windows and acquired 100 thousand Euros from EU funds to optimize production process and reduced carbon footprint
- Assisted in creation of study for chimney production company to improve production process

Rimac Automobili - *Intern, Electrical Engineering*   Zagreb, Croatia | July-September 2013
Rimac Automobili develops and produces high-performance electric vehicles, drivetrains and battery systems
- Searched and systematized the electrical components needed for adaptive stop light circuit board
- Designed, programmed and tested firmware for an adaptive stop light for the electric car Concept One

RESEARCH EXPERIENCE

Investment and Portfolio Management Capstone   May 2017
- Allocated and managed simulated investment portfolio of $1-million-dollar portfolio
- Implemented asset allocation strategy using ETF assets in global equities, fixed income and commodities
- Technologies used: Word, Excel

Valuation Capstone   April 2017
- Analyzed and examined Seagate Technology Buyout as part of University of Michigan specialization
- Modeled LBO and reported issues, analysis and recommendation in the Seagate Technology case
- Technologies used: Word, Excel

The Next Big Playlist in Shazam   October 2016
- Created and summarized an opportunity for Shazam to encourage its users to subscribe to music services
- Prepared a Strategic Opportunity Analysis to identify the offer Shazam should provide to customers
- Technologies used: PowerPoint, Excel

The Role of IPO Underwriting Syndicate   April 2016
- Investigated the role of underwriting syndicate on 3,573 US IPOs during the period 1997 to 2014
- Quantified the importance of syndicate on information production, price revision, syndicate size and underpricing
- Technologies used: Stata, Excel

LEADERSHIP AND ACTIVITIES

Coursera - *Language Coordinator, Beta-Tester and Mentor, Volunteer*   June 2016–Present
- Course Mentor for Investment and Portfolio Management Specialization
- Coordinate and organized 100+ Croatian translators on translation projects
- Critiqued and analyzed 10+ courses before official launching

High School Matija Mesic - *Volunteer/ Teacher*   September 2016
- Planned, produced and launched first online programming course for high school students in 2nd grade
- Prepared 5+ hours of video lectures and 25+ PowerPoint presentations and quizzes as study material

European University Games - *Volunteer in IT team*   July 2016
- Served as IT volunteer for 4000+ participants during the European University Games

EDUCATION

Politecnico di Milano - *MSc, Automation and Control Engineering*; Grade: 107/110	October 2013 - April 2016
University of Zagreb - *BSc, Control Engineering and Automation*	September 2009 - September 2013
Rice University - Investment and Portfolio Management Specialization (Coursera)	May 2017
University of Michigan - Valuation and Investing Specialization (Coursera)	April 2017
Columbia University - Financial Enginering and Risk Management (Coursera)	February 2017
Wharton School of Business - Business Foundation Specialization (Coursera)	November 2016
MIT- The Analytics Edge (edX)	July 2016

SKILLS & INTERESTS

Financial: Completed Breaking Into Wall Street self-study course covering valuation, M&A and LBO modeling
Technical: R, MATLAB, Python, Excel, PowerPoint, Word, MySQL, q/kdb, Unix
Language: Croatian (Native), English (Fluent), Italian (Elementary), German (Elementary)
Interests: Passion for education, avid sports enthusiast, fitness