Akos Furton

akos.furton@gmail.com

EDUCATION

2016-2017 **Imperial College** **London, UK**
Master of Science, Business Analytics
Core modules: Machine Learning, Network Analytics, Visualization, Optimization and Decision Models

2012-2016 **University of Texas** **Austin, Texas, USA**
Bachelor of Science, Mathematics
Bachelor of Business Administration, Supply Chain Management
Overall GPA: 3.93 / 4.00
Forty Acres Scholarship – awarded University of Texas's top merit-based scholarship covering all educational expenses, valued at $125,000; 15 scholarships awarded out of 3000 candidates

WORK EXPERIENCE

2016-Present **Imperial College** **London, UK**
Research Assistantship
- Analyse non-convex sales forecasting and pricing models by collecting data from retailers to explore areas for revenue growth
- Present research alongside Imperial College Business School professors to Senior Directors at Dunnhumby, a retail analytics firm focused on grocery stores

2015 **3M Corporation** **St. Paul, Minnesota, USA**
Supply Chain Analyst Intern
- Developed an application using Python and SQL to reduce non-working inventory at distribution centres leading to $300,000 annual savings from improved inventory visibility
- Classified inventory using k-means clustering and implemented Holt-Winters seasonal forecasting to determine adequate safety stock for each type of inventory
- Created a resource planning model to transform forecasts into production requirements, working with two Engineers and three Supply Chain Specialists as part of business transformation initiative

2013-2016 **Sanger Learning Center** **Austin, Texas, USA**
Calculus, Statistics, and Computer Science Tutor
- Tutored calculus, statistics, and computer science for students at the University of Texas involving 10 hours per week of individual and group sessions
- Improved performance for up to 15 students per semester by explaining complex mathematical concepts using easy to understand terminology, raising numerous failing students to "B" standard
- Prepared training on navigating ethical dilemmas by working with Tutoring Center Director and led skills sessions in front of 50 incoming tutors

LEADERSHIP EXPERIENCE AND ACTIVITIES

2012-2014 **Texas 4000 for Cancer** **Austin, Texas, USA**
Travel Coordinator and Rider
- Cycled 4500 miles from Austin, Texas to Anchorage, Alaska and visited cancer patients at hospitals and cancer support services, providing donation grants to research and treatment centres
- Coordinated hosting logistics with 70 hosts across North America in preparation for summer ride
- Developed turn-by-turn directions for 70-day bicycle ride to guide 28 riders through the Rocky Mountains and remote Canadian wilderness
- Fundraised over $5000 through grassroots efforts to support cancer research at MD Anderson Cancer Center in Houston, Texas
- Volunteered more than 50 hours in cancer fighting and cycling communities to spread organization's three pillared mission of Hope, Knowledge, and Charity

ADDITIONAL SKILLS AND ACHIEVEMENTS

PROGRAMMING LANGUAGES: Python (including NumPy, Pandas, Matplotlib, Scikit-learn), R, SAS, SQL, PostgreSQL, Tableau, Unix shell, MS Office
LANGUAGES: Fluent in English and Hungarian
INTERESTS: Hiking, Golf, Football, Aviation
WORK ELIGIBILITY: Eligible to work in the U.S. and European Union with no restrictions