Przemyslaw Zientala

+33 06 85 06 46 76; p.zientala.1995@gmail.com

EDUCATION

UC Berkeley, UCLA, UIUC   Remote
Proctored online courses   July 2019 – November 2019
Calculus 2 (4.0/4.0), Java Programming II (4.0/4.0), Applied Linear Algebra (4.0/4.0)

University of Southampton   Southampton, United Kingdom
BSc Georgraphy, 3.89/4.0 (equivalent)   September 2014 – June 2017
Bsc thesis: "Water point mapping in Tanzania using a machine learning approach"
- Top 20 1st year student, Dean's List award for Outstanding Achievement (all 3 years)
- Math coursework: Statistical modelling I (4.0/4.0) Statistical Distribution Theory (4.0/4.0)

INDUSTRY EXPERIENCE

Datadog   Paris, France
Senior Solutions Engineer   May 2019 – July 2021
- Implemented a part of the Root Cause Analisis product for identifying high TCP retransmission hosts
- Collaborated with engineers to provide tailored solutions to SMEs and enterprise customers
- Demoed the platform to hundreds of individual customers and at events such as Google Cloud Next UK
- Mentored junior team members

Perfect Dashboard   Warsaw, Poland
Machine Learning Consultant   February 2019 – April 2019
- Improved performance of a deep learning model for classifying Wordpress websites condition (fine/broken) after plugin updates by 10%, contributing to passing technical due diligence for an acquisition deal
- Redesigned methodology for data labelling, resulting in 8% increased data consistency

Researchably   Southampton, United Kingdom
Co-founder   January 2017 – January 2019
- Developed a machine learning platform for extraction and linking of information from biomedical research papers used by Sanofi ($20,000 deal)
- Developed and optimized an active learning support vector machine model for search engine result refinement. This was achieved using a secondary, smaller model for dynamic tuning of the cost hyperparameter, improving the relevance of results by 50%
- Created biomedical data annotation guildelines, increasing annotation quality by 20%
- Discovered and analyzed customer segments and their needs through 100+ qualitative interviews and quantitative surveys

IT Innovation Centre   Southampton, United Kingdom
Data Mining Intern   June 2016 – September 2016
- Analyzed social media data to discover business intelligence relevant to journalists in a busy newsroom – Social Media Verification project "REVEAL"
- Used R to analyze semi-structured textual data via clustering methods, association rule mining, and

statistical approaches such as Kernel Density Estimation
- Developed a Java application for verifying the truthfulness of social media posts via association rule mining and clustering on Twitter, Facebook, and YouTube data
- Produced weekly, technical data anlaysis reports and presented on a weekly basis to the research group lead

University of Southampton   Southampton, United Kingdom
Undergraduate Research Assistant   November 2015 – April 2016
- Processed and analyzed Crunchbase data using R and Python for a [research paper](#) on the economic growth of SMEs
- Scraped and formatted DNS lookup data using Python

RESEARCH EXPERIENCE

Facebook   Menlo Park, CA
Presenter, West Coast Natural Language Processing Conference   September 2018
- Presented a data augmentation approach to AI researchers, securing a partnership with Intel AI Builders

University of Manchester   Manchester, United Kingdom
Presenter, 25th Geographic Information Science Research UK Conference   April 2017
- BSc thesis peer-reviewed and published in conference proceedings
- Presented research findings to an international audience of computer science, machne learning, and GIS researchers

LEADERSHIP EXPERIENCE

UC Berkeley   Berkeley, CA
Project Lead (Data-X)   September 2018 – December 2018
- Led a team of MBA & Statistics students to guide them through development, implementation, and presentation of a machine learning platform for streamlining the research of biomedical papers

OpenAI   San Francisco, CA
Workshop Leader   December 2018
- Led a workshop discussing the latest developments in machine learning with limited data and its uses in real-world scenarios with participants ranging from academic researchers to startup founders

AWARDS

University of Southampton   Southampton, United Kingdom
UK SEED Startup Fund, Future Worlds startup accelerator   March 2017 – May 2017
- Won the best pitch award among 10 teams, pitching to a 100+ participant audience, and securing £32500 in funding

Polish 1st Tadeusz Kosciuszko Infantry Division High School no. 4   Piaseczno, Poland
- Received the Polish Prime Minister's Award in Education for Outstanding Achievements (awarded to the top-performing student from a given high school)