Azamat Atabayev

Almaty, Kazakhstan

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EDUCATION

Korea Advanced Institute of Science and Technology
Daejeon, South Korea
Sep. 2020 - Aug. 2024
Bachelor's degree
- Recieved KAIST scholarship that covers full tuition and insurance

Nazarbayev Intellectual School of Physics and Mathematics in Almaty
Almaty, Kazakhstan
Sep. 2014 - May. 2020
High School
- GPA: 4.95/5.00
- SAT: 1520/1600; SAT Math II:800/800; SAT Physics:800/800
- Participated in physics research with professors from Kazakh National University (Electromagnetic fields, Simulation of star cluster formation)
- Tutored Olympiad Physics for juniors

SKILLS and RELEVANT COURSEWORK

Skills: MS Excel; Power BI; Python: Computation (pandas, numpy, sci-kit learn, pytorch), Data Scraping (selenium, beautiful soup), Data Visualization (matplotlib, seaborn, plotly); SQL; Adobe Illustrator;

Relevant Coursework: Basics of Artificial Intelligence <Big data analysis and machine learning>, Data Structures, Engineering Statistics I, Calculus II, Calculus I

ANALYTICS PROJECTS

Bank Marketing | Will client subscribe to term deposit? ⤢
- Saved approximately 37.5 hours in phone calls
- Identified demographic groups for small-scale marketing campaigns (clients over 60 and under 23)
- Discovered 2 variables that have major effect on prediction
- Built model with 90% accuracy

Bank customer segmentation ⤢
- Identified 3 major clusters (single, married, divorced), meaning that customer behavior is similar between clients with similar marital status
- Derived that married clients tend to be more willing to accept marketing campaign offers and are more loyal

Anime score prediction on MyAnimeList ⤢
- Found niche for new anime licensing businesses to focus on (TV anime)
- Busted a myth that original anime (not an adaptation of existing source) are more dangerous to make. Source doesn't affect the score.
- Discovered that genre has little impact on the score.

Developing Credit Scorecard ⤢
- Saved more than 1000 hours of work of Credit Officers
- Found that threshold of 300 credit points to be the most efficient
- Identified the best predictors of bad/good credits

EXPERIENCE

A-level education / SAT Tutor
Jul. 2020 - Aug. 2020
Almaty, Kazakhstan
- On average increased SAT score by 150 and SAT Subject Math II by 200 within a month

Exponenta magazine ISSN (2663-9831)/ Founder, Chief-Editor
Jun. 2018 - May 2020
Almaty, Kazakhstan
- Final edited most of the published popular science articles
- Organized magazine production through Trello over 14 people
- Performed as a speaker at multiple offline forums

CERTIFICATIONS

Introduction to Marketing
University of Pennsylvania, Coursera

Machine Learning
Stanford University, Coursera

AWARDS

• Top 29% on PROHACK (Data science hackathon), organized by McKinsey	2020
• National Technological Initiative, Aerospace Systems Finalist (Moscow, Russia)	2019
• International Zhautykov Olympiad 2019 (physics), Bronze medal	2019
• National Competition of Science Projects, Silver medal	2019