

Almas Myrztatay

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EDUCATION

Georgia Institute of Technology

Master of Science in Computer Science, GPA: 4.0

Courses: Computational Photography, Human-Computer Interaction, AI, Machine Learning for Trading

Atlanta, GA

January 2020 – December 2021

Certifications: Scrum Master 1, Celonis (Process Mining Tool) Data Engineer

Emory University

Bachelor of Science in Computer Science, *Bachelor of Arts* in Economics/Mathematics joint major

Courses: Econometrics, Artificial Intelligence, Data Mining, Databases, Money & Banking, Data Structures & Algorithms

Activities: Member of 100 Senior Honorary for Class of 2018; AKPsi Co-ed Professional Business Fraternity

Atlanta, GA

May 2018

Harvard University *Summer School Program 2013 (SSP)*

Cambridge, MA

WORK EXPERIENCE

MHP – A Porsche Company

Consultant and Data Scientist (Data & Technology)

Atlanta, GA

July 2018 – Present

- Analyzed the efficiency of customer notification from CRM data using Python, Pandas and prepared executive summary
- Developed RESTful API and back-end application using Python, Docker, PeeWee (ORM), GitLab, AWS & PostgreSQL
- Built data processing dashboard to clean .csv and .xlsx files using Python, Pandas and Plotly (Dash) to visualize data
- Built predictive pricing tool based on SVM, Linear, Logistic, and Decision Tree using Python, Plotly and Scikit Learn
- Managed 4 project proposals, designed technical project architecture, and calculated technical implementation timeline
- Created automated email delivery API cloud function using NodeJS, 'Realtime Google Database', and Google Firebase
- Designed real-time GraphQL on PostgreSQL (Hasura Engine), and wrote database documentation
- Created user stories with technical requirements, data flow architecture and performed SWOT analysis
- Analyzed process flow to optimize its efficiency, to provide data strategy and to design roadmap of AI implementation
- Led 'Inclusion and Diversity' initiative for 60+ employees to improve onboarding practices and facilitated meetings

NLP Research Group at Emory & Undergraduate Research Program (URP)

Research Assistant in Natural Language Processing Lab / URP Participant / Peer Mentor

Atlanta, GA

September 2015 – May 2018

- Tested and implemented Faster-RCNN to detect & recognize faces for the Multi-modal Emotion Detection research project
- Performed linguistic analysis on subtitles and transcripts for the Friends TV show by using Amazon MTurk
- Analyzed 25+ research papers and provided literature review as a reference for the theoretical economic research paper

PUBLICATIONS

- Can Technology and Inanimate Objects be Political? Introduction to Interface Politics ([Medium](#) & [Spotify Podcast](#))
- Gentle Introduction to APIs for non-technical people (3 articles) ~2000 views ([Medium](#) – [Noteworthy Journal](#))
- How to set up "serverless server" for IoT devices using Amazon AWS Lambda, Python and Flask ~2000 views ([Medium](#))
- Comprehensive Guide on How to Build Face Recognition Camera using Raspberry Pi and Pi Zero ~2800 views ([Medium](#))
- Set up CI/CD Pipeline to Automate Website Publication using Netlify, GitHub and NameCheap ~1000 views ([Medium](#))
- Creating RESTful API endpoints on AWS Lambda and transfer data with various web and/or IoT applications – ([GitHub](#))
- "Panacea of AI" in the MHP's first AI journal – AI Ideabook Journal – ([Link](#))
- EU, US and Russian in the Middle in the Emory Economics Society – ([Link](#))

LEADERSHIP AND COMMUNITY ENGAGEMENT

International Rescue Committee (IRC)

Connect to Success (C2S) Program Volunteer

Atlanta, GA

August 2018 – January 2020

Emory University Residence Life and Housing

Resident Advisor / Sophomore Advisor / Certified Campus Security Authority (CSA)

Atlanta, GA

August 2015 – May 2018

SKILLS AND INTERESTS

Software: Python, Java, C, (No)SQL, Linux/Unix, CSS (Bootstrap), HTML, Git, NodeJS (*Intermediate Proficiency*)

Tools: GitLab/GitHub, Docker, Amazon AWS Lambda, MySQL, PostgreSQL, MongoDB

Frameworks: Flask, Pandas, Numpy, Scikit, Plotly (Dash), Keras, TensorFlow (*Intermediate Proficiency*)

Foreign Languages: Kazakh (*Native*); English, Russian and Turkish (*Fluent*); Spanish (*Intermediate*)

Interests: British, Russian and American Literature, Chess, Modern Art and Tennis, Poetry, Piano (self-taught)