

Abay Bektursun

 GitHub <https://github.com/abaybektursun/>  LinkedIn <https://linkedin.com/in/abay>

Engineer with strong machine learning expertise and 3+ years of industry experience

EXPERIENCE

May 2017 - present

MACHINE LEARNING DEVELOPER – DXC Technology

- + Designed and developed **TensorFlow** based custom machine learning pipeline
- + Helped to optimize **Java** backend for a **BPA** software named "APA"
- + Various **NLP** projects analyzing surveys and company reviews
- + Process mining **R&D**: process graph embeddings, sequence analysis
- + Computer Vision PoCs: UI segmentation, element detection

(1 yr 5 m) 2016 – 2017

SOFTWARE DEVELOPER INTERN – Hewlett Packard Enterprise

- + Top 3 interns and innovation awards
- + Lead development of automation and reporting tool saving at least \$3 Mil. to company. The tool is used by the company CEO and executives
- + Worked primarily with **Hadoop** stack with large volumes of data
- + Leadership roles in global company organizations

(9 m) 2015 – 2016

SOFTWARE DEVELOPER INTERN – Centene Corporation

- + Developed **Flask** based documentation/manual web sites
- + Automated insurance claim processing tasks with **Python**
- + Produced ad-hoc and scheduled reports for different departments

SKILLS

Programming Languages

PRIMARY Python, JavaScript, SQL, Java **SECONDARY** Rust, C++, C#, R

Frameworks & Platforms

TensorFlow, PyTorch, Scikit-Learn, SciPy Stack | Flask, .NET | Hadoop | Linux

EDUCATION

2014 – 2017

BACHELOR OF SCIENCE – University of Central Arkansas

- + **Computer Science** | Graduated May 2017

2009 – 2013

PROFESSIONAL DEGREE IN MUSIC – Kazakh National University of Arts

ACTIVITIES

2017 - Present

ORGANIZER Austin Deep Learning: <https://abay.tech/adl>

2017 - Present

BLOG Machine Learning Blog and Tutorials: <https://abay.tech/blog/>