

# Abay Bektursun


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

Engineer with strong machine learning expertise and 4+ years of industry experience

## EXPERIENCE

Feb. 2019 – present

### MACHINE LEARNING ENGINEER – Apple

- + Designed and lead development of computer vision system deployed by  Apple worldwide
- + R&D: Multi-camera re-id, Pose-estimation, model optimization

(2 yrs) 2017 - 2019

### MACHINE LEARNING DEVELOPER – DXC Technology

- + Designed and developed **TensorFlow** based custom ML 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



(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/>