

# Abay Bektursun

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**Objective** To obtain a position in software engineering or data science

**Education** **University of Central Arkansas (UCA), Conway, AR**

- Bachelor of Science, Graduated: May 2017
- Major: Computer Science

**Kazakh National University of Art, Astana, Kazakhstan**

- Major: Music, Graduated: June 2013

## Skills

*Languages* Fluent in **Russian, Kazakh, and English**

*Programming Languages* Python ●●●●● C++ ●●●●● Java ●●●●● SQL ●●●●● Rust ●●●●●  
Other languages: Fortran, Octave, MATLAB, HTML, JS, CSS, Assembly, C#

*Frameworks & Platforms* **TensorFlow**, Caffe, Scikit-Learn | **OpenMP, CUDA** | Flask, .NET

*Data Design* Hadoop, MongoDB, Vanilla SQL: Vertica, Hive, Oracle, Teradata, etc.

*OS and Tools* Linux, Windows, Git, Tableau, Popular IDEs

**Work Experience** **DXC Technology** *Austin, TX* May 2017 – Current  
*Software Developer*

- Intelligent process automation (IPA) software architecture and design
- Research and development of entity learning framework for process graphs
- Sequence learning for risk assessment with Recurrent Neural Networks
- Various sentiment analyses with NLP (surveys, company reviews)
- Computer vision for robotic process automation with OpenCV

**Hewlett Packard Enterprise** *Conway, AR* (1 year 5 months) January 2016 – May 2017  
*Developer Intern*

- Top 3 interns and innovation awards
- Lead development for automating business workflows saving at least \$3 Mil. to company
- Applied machine learning techniques to study success of managers and executives
- Worked primarily on Hadoop platform (VoH, Hive, Pig, Sqoop, Oozie, HDFS)
- Technical Lead for the first Code Wars (one of the largest hackathons in the world) in Arkansas
- Leader for Development in Global Engagement Management
- Security, UI, and Web development with .Net

**Centene Corporations** *Little Rock, AR* (9 months) May 2015 – January 2016  
*Developer Intern*

- Developed and maintained documentation web site, both frontend and backend work
- Run routine jobs and processed health insurance claims.
- Automated manually run jobs and reports
- Produced ad-hoc and scheduled reports for different departments
- Helped vendors to resolve issues and support 3<sup>rd</sup> party software

## Activities & Honors

- Arkansas Academy of Computing Scholarship award
- President of the Computer Science Club at UCA (2015 to present)
  - Raised more than \$2000 for the Computer Science Club in one semester
- Damber and Meena Singh Tomer Scholarship Award (2016)
- H. Fred Dalske Science Student Scholarship
- UCA Dean's List
- UCA Spotlight Leader (2015 to present)
- UCA Team Global Leader (2014 to 2015)