

# Khatanbuuvei Bold, Software Engineer

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## LINKS

[Linkedin](#), [Github](#), [Portfolio](#)

## EDUCATION

Sep 2017 — Jun 2021 **BSE in Computer Science, Princeton University** Princeton, NJ, USA

- Graduated *Magna Cum Laude* (GPA: 3.8)
- Minor in Statistics and Machine Learning

## EMPLOYMENT HISTORY

Dec 2021 — Present **Software Architect and Engineer, DupliTrade MN LLC** Ulaanbaatar, Mongolia

Created FXFunds ([fxfunds.mn](#)), an investment platform for retail traders:

- Software Architecture, cloud deployment
- Backend Development
- Trader account 24/7 monitoring service
- **Technology Used:** Node.js, Express, MySQL, Linux

Oct 2020 — Jun 2021 **Data Engineer, TomYo EdTech** Ulaanbaatar, Mongolia

- Built video content recommendation systems based on machine learning and NLP
- Setup backend infrastructure to send customer data to CRM platforms, enabling personalized push notifications and A/B testing
- **Technology Used:** AWS, Python, SK-Learn, Node.js, SQL

Sep 2019 — Sep 2020 **Teaching Assistant, Princeton University** Princeton, NJ, USA

- **COS 126 (Intro CS)** - Assessed and provided feedback on Java programming assignments
- **COS 340 (Discrete Math)** - Taught number theory, graph theory, probability theory, computation theory

## PROJECTS

Sep 2020 — Apr 2021 **Dog Breeds - Computer Vision Project**

- Created a machine learning model to guess dog breeds using TensorFlow, transfer learning and feature extraction
- Built a model with an accuracy of 92% among 133 dog breeds and around 8000 images
- [Link](#)

Sep 2019 — Jan 2020 **Predicting NBA Star Potential - Machine Learning**

- Used scikit-learn to build three machine learning models to predict the star potential of NBA rookies
- Tuned each model, improving the F1 score of the baseline classifier by a factor of 1.72 on SVM model
- [Link](#)

Feb 2020 — Mar 2020 **AirUB - Android App**

- AirUB is an Android app built on Flutter and provides users with real-time air pollution level information
- The app uses the IQAir APIs to access air stations situated in Ulaanbaatar, Mongolia
- AirUB is built using asynchronous processing, with responsiveness in mind
- [Link](#)

## SKILLS

Git	Experienced	Linux	Experienced
Python	Experienced	SQL	Skillful
JavaScript	Experienced	Machine Learning	Skillful