

Eric Kim

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EDUCATION

University of Waterloo

Statistics & Computational Mathematics, Co-op
2016-2021

Stanford University

Machine Learning Course, Audited
2018

TECHNICAL SKILLS

Languages:

Python, C++, Java, JavaScript, SQL, Bash, HTML, CSS

Tools:

Git, Tensorflow, Keras, Firebase, AWS, Docker, Kubernetes, Node.js, Android SDK

PROJECTS

Weight Trainer

Developed weightlifting metric prediction application.

Implemented and enhanced gradient descent algorithm by analyzing personal weightlifting metrics in Python.

Predicting Stock Prices Challenge by Two Sigma

Developed neural network model to predict stock prices using supervised learning.

Achieved 0.002 % loss using sample data through feature selection.

TranSleep

Led a group of developers and built a mobile application that alerts commuters when they are close to their destination.

Programmed REST API with Flask and developed user interface.

Designed and Implemented XML layouts.

EXPERIENCE

Deloitte • Software Developer Intern

Waterloo, ON • Fall 2018

Architected internal chatbot service to connect service lines within the company.

Scaled and containerized full-stack application through developing Dockerfiles.

Refactored application to support material design and improve user interface.

Clearbridge Mobile • Mobile Developer Intern

Toronto, ON • Winter 2018

Developed and deployed Google Voice Assistant application to reduce phone-ordering wait times on Google Firebase.

Trained customer speech to enhance automated responses on Dialogflow, Google's NLP Engine.

Boosted customer retention by 40% through implementing user interface to help users navigate through application.

Ceridian • Mobile Application QA Intern

Toronto, ON • Summer 2017

Pair programmed "Feature Recommendation" algorithm that hint features to users based on their app activity, for over 20,000 users.

Designed and built test cases to increase reliability of application.

Royal Canadian Air Cadets • Sergeant

Vancouver, BC • Fall 2011 - Fall 2015

Conducted field training exercises (FTX) to instill leadership, discipline, and teamwork.

AWARDS

University of Waterloo President Scholarship

Awarded \$2000 for excellence in academics, achieving admission average of 94%.

British Columbia Achievement Scholarship

Awarded \$1250, recognized as top 15% of graduating students in British Columbia.