# Phumin Walaipatchara

## PROFILE

Bachelor's and Master's Degree in Computer Science and minor in Economics from Boston University. Main interests and focuses cover Full-stack Development, Networking, Security, Database, Machine Learning, and Data Analysis.

## EDUCATION

Boston University, Boston, MA – BA&MS Computer Science, 2020

Boston University, Boston, MA – Minor Economics, 2020

## EXPERIENCE

### ONLINE TUTOR, CHEGG INC.; BOSTON, MA – 2019

Online tutor responsible for assisting students with homework of problems in Computer Science field.

### GRADER, BOSTON UNIVERSITY; BOSTON, MA – 2018-2019

Grade students' courseworks in Computer Science courses

## PROJECT

### DPICNET: TRANSFER LEARNING APPROACH TOWARDS IMAGE CLASSIFICATION – 2020

Transfer existing deep neural network and train to classify new dataset/classes

### FINC: PERSONAL FINANCIAL WEB APPLICATION – 2020

MEAN stack web app that centralizes user's financial accounts information in one place

### BANKING SOFTWARE GUI IN JAVA SWING – 2020

Group project in developing simple banking software using Java Swing

### SPOTIFY TO YOUTUBE PLAYLIST CONVERTER – 2019

Full-stack stack web app for converting Spotify playlist to YouTube playlist

### PREDICTING STOCKS TRENDS BASED ON NEWS – 2019

LSTM neural network aiming to predict stocks trends from news

## SKILLS

- Programming Languages: Python, Java, JavaScript/Node.js, TypeScript, HTML, Go, C, SQL
- Libraries: NumPy, Pandas, Matplotlib, Keras, TensorFlow, PyTorch, Flask, Scikit-Learn, JWT, RxJS, OpenCV
- Frameworks: Angular, Express.js
- Others: Jupyter Notebook, NoSQL, Git, Bash, Linux CLI, JSON, LaTeX

## HONORS & AWARDS

- Dean's List: Fall 2017, Spring 2018, Fall 2018, Spring 2019, Fall 2019
- Cum Laude on Bachelor's Degree

## ORGANIZATION

Boston University Thai Student Association

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