

Predictive Analytics/Data Science graduate student having strong technical and analytical background seeking for full-time employment to enthusiastically get the best data insights for better decision-making.

## Specialities

Predictive Modeling Development/Validation, Knowledge Discovery, Hadoop, Hive, Tableau, Big Data Analytics, Data Mining, R, Python, Oracle SQL, Data Visualization

## Skills

### Programming Languages:

Python, R, C, SQL, C++  
Familiar with Java, Unix Shell Script

### Applications:

Rstudio, Eclipse, SPSS, SQL Developer, Microsoft office, Microsoft Visual Studio, Adobe Creative Suite, MATLAB

### Operating Systems:

Windows, Mac OSX, Linux

## Class Projects

### Time Series Analysis and Forecasting:

Implementing multiple statistical time series models (including AR, MA, GARCH-type, GARCH-M type etc.) to analyze/diagnose/forecast stock values.

### Advanced Data Mining:

Developing and comparing performance of multiple ensemble classifier techniques with different parameters to predict lung cancer using Matlab

### Mining Big Data:

Implemented Hadoop in Amazon AWS and developing MapReduce program using Python to compare the performance with Hive.

### Data Visualization:

Created multiple insights of the Grocery data from dunnHumby, as well as facilitate Tableau process by using Hive Server.

### Advanced Data Analysis:

Used multi classification/clustering techniques to predict the presence of West Nile Virus in Chicago.

### Knowledge Discovery:

Developed Decision tree models for Credit Card application using SPSS.

### Regression Analysis:

Developed multiple regression models to predict Manhattan condominium price using R.

### Database Processing for Large-Scale Analytics:

ETL large text files for Movie trends Analysis using Python and SQLite3.

## Extra-Curricular Activities

2007

### Summer Universiade, Bangkok Thailand.

Athlete Facilitator

## Bachelor's Thesis

### Biometric Identification System

Implemented Fingerprint Door Access Control using C with Microprocessor ARM7.

## Education

2014- Expected Fall 2016:

### DePaul University, Chicago Illinois, United States

Master of Science in Predictive Analytics GPA 3.87

2006- 2010:

### King Mongkut's Institute of Technology Ladkrabang, Bangkok

Bachelor of Engineering in Information Engineering

## Working Experience

August 2016 - Present:

### Loyola University Medical Center, Maywood Illinois

Healthcare Analytics Intern.

- Analyze wide variety healthcare databases (AHA, SEER, HCUP-SID, HIMSS etc.) to find and visualize patient's insights for current medical research publications.
- Develop predictive models for various healthcare problems facing hospitals and health systems.

June 2016 - September 2016:

### YouBthere, Chicago Illinois

Predictive Analytics Intern.

- Helped CEO/Founder collectively research and construct the unique development composite index from YouBThere student engagement platform in fast-paced environment.
- Developed analytical feature from YouBthere functionality including dashboards to display discovered meaningful insights.

September 2014- September 2016:

### DePaul University | College of Law, Chicago Illinois

Part-time Computer Support Technician in College of Law Information Technology service Department.

- Organized and setting up audio/visual system for events.
- Supported and facilitating class room technology to faculty/staff.
- Technical troubleshooted for all users in College of Law.
- Maintained and created equipment inventory list.
- Created step-by-step instruction document for end users.

July 2010- December 2010:

### KPMG Thailand, Bangkok

Information Technology Specialist in Information Technology support and service Department.

- Tested new devices to seek for the best solutions.
- Responsible for operation of adaptive authentication system including safe boot program.
- Implemented/Trained/Supported eAudit program and Document management system for end-user.
- Responsibilities for maintenance and operation of the systems.
- Supported in analysis of system setups and work on management of the implementation for in-house applications.
- Responsible for troubleshooting both technical and logical issues.

March 2009- May 2009:

### Aeronautical Radio of Thailand Ltd., Bangkok Thailand

Research and Development Interns.

- Developed and designed Flight Information Display System (FIDS)
- Implemented Voice over IP and Virtual Private Network.