Thananun Prasertsup

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Education

Brown University — Providence, RI   current **GPA 4.00**
To be graduated with **ScB in Computer Science** and **AB in Economics** in May 2021
> Relevant Coursework: Database Management System, Deep Learning, Data Science, Computer Vision, Machine Learning, Distributed System, Computer Systems Security, Statistical Inference, Monte Carlo, Investment, Financial Accounting, Industrial Organization, International Finance

Phillips Exeter Academy —Exeter, New Hampshire (Post Graduate Year)   GPA 3.58

Triam Udom Suksa School —Bangkok, Thailand (High School)   GPA 3.94

Programming Experience

Software Engineer Intern — Microsoft | May – August 2020
Designed and implemented a secure system to smoothly deliver VHDs and related resources to Sharepoint Office to support their integration testing. Scheduled meetings and frequently communicate with Sharepoint Office to ensure they have all tools and knowledge for building a VM based on the provided VHDs.

Data Engineer Intern — Agoda | June – August 2019
Collected samples of Hive and Vertica tables and store them in Elasticsearch. Created user interfaces to display the samples in Agoda's data dictionary and enable users to filter columns of each table preview. Created back-end projects to collect tuples only from the latest created partition of each table.

Data Science Group Project — Brown University | Spring 2019
Final Project about topic modelling using 10,000 most viewed Wikipedia pages in People category. Scraped the data using API, performed KMeans and Spectral Clustering on Doc2Vec, Bag of Words, and TF-IDF, and created word clouds for each category obtained.

Community Engagement

Finance Head — Thai Student Association at Brown University | 2018 – Present
Budget and plan profit-maximizing cost and quantity for each event held by Thai Student Association. Gained $544 in 2018 and $403 in 2019, twice as much as the revenue gained in the previous years.

Athlete — Brown University Table Tennis Team | 2019 – Present
Practice weekly and participate in National Collegiate Table Tennis Association (NCTTA) tournaments.

Teacher Assistant — Computer Vision, Brown University | January – May 2020
Graded homework and projects. Held weekly office hours. Moderating Piazza discussion boards and emails.

Note Taker — Brown University | 2017 – 2019
Volunteer for taking notes for challenged students.

Assistant Teacher — Brewster Academy Summer Program | July – August 2018
Assisted Royal Thai Scholars adjusting to American cultures. Clarified American college admission process and helped them adjust with American culture. Supervised them in English classes and recreational activities.

Achievement

Granted a **King's scholarship**, a merit-based scholarship awarded annually by Royal Thai Government to a total of nine Thai high school graduates, to study undergraduate in the United States.

Additional Information

Technical Skills: Python, C#, Scala, Java, SQL, HTML, CSS, JavaScript, Latex, MATLAB
Languages: Thai (Native), English (Fluent)