ELLIOT TAN

(312)-361-7581 | etan1@hawk.iit.edu | www.linkedin.com/in/elliot-tan | 3201 S STATE ST CHICAGO, IL 60616

Seeking Data Science & Web Development opportunities in Chicago.

EDUCATION

Illinois Institute of Technology
Chicago, IL

B.S Computer Science
M.S Data Science

Expected graduation: May 2022

Current GPA: 3.928/4.0

PORTFOLIO WEBSITE

Elliottaniit.github.io

PROGRAMMING SKILLS

Python
C
Java
SQL
R
OCaml
HTML
CSS
Javascript

LANGUAGES

English
Mandarin

WORK EXPERIENCE

SEO AND UX SPECIALIST INTERN   *Sciente International, Singapore*

MAY 2021 - CURRENT

- Developed a guide for web developers to follow to improve website search engine optimization and user experience for both pc and mobile applications.

SOFTWARE DEVELOPER INTERN   *Metropolitan Wireless International, Singapore*

APRIL 2018 - JUNE 2018

- Used Java to develop and implement document scanning software using optical character recognition (OCR).
- Developed and tested forms using OCR for to improve data transfer from company's farmers to administration.

PROJECTS

HATE SPEECH CLASSIFICATION RESEARCH ANALYSIS

- Used Python, Support Vector Machines (SVM), Bidirectional Encoder Representations from Transformers (BERT), and (Generative Pretrained Transformer 2) GPT-2 to evaluate the effectiveness of text-generated hate speech on hate speech classification models.

FLIGHT BOOKING APPLICATION

- Designed ER relational schema and developed graphic user interface using Java.
- Implemented SQL queries to reflect user events as database updates.

TIMESERIES DATABASE RESEARCH EVALUATION

- Compared the functional capabilities between InfluxDB and TimeScaleDB.
- Used Timeseries Benchmark Suite to evaluate the computational capabilities of the time series databases.
- Determined the effectiveness of each time series database in various situations.

VARIOUS WEB DEVELOPMENT PROJECTS

- Personal Portfolio Website: Elliottaniit.github.io
- CRU IIT Website: https://mypages.iit.edu/~campuscru/

LEADERSHIP EXPERIENCE

COMPANY QUARTERMASTER SERGEANT   *Singapore Military, BMTC School 2, N Coy*

OCTOBER 2015 - OCTOBER 2017

- Lead a team of 4 – 6 military personnel in the company's logistics department.
- Managed the preparation, transportation, and collection of over 1000 company items during field trainings and other company activities
- Awarded the Commanding Officer Coin (Commander's Coin) for excellent service.

CRU LEADER   *Illinois Institute of Technology, Cru*

OCTOBER 2018 - CURRENT

- Planned organization wide events with other Cru Leaders.
- Coordinated group activities for students to maintain community despite Covid.
- Facilitated group discussions with 6 – 8 group members.