

ELLIOT TAN

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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

Graduate GPA:
4.0/4.0

Undergrad GPA:
3.928/4.0

PORTFOLIO WEBSITE

ElliotTaniit.github.io

PROGRAMMING & DATA SKILLS

Python
SQL
R
Tensorflow
Keras
Tableau
C
Java
Ocaml
HTML
CSS
Javascript
MS Excel
MS Project

LANGUAGES

English
Mandarin

INTERESTS

Music
Food
Travelling

WORK EXPERIENCE

SEO AND UX SPECIALIST INTERN *Science 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.

DATA SCIENCE PROJECTS

- Neural Network Model for titanic data set: <https://www.kaggle.com/elliottan/titanic-notebook-1>
- Job Description Scraper: <https://github.com/ElliotTanIIT/job-scraper-project>

WEB DEVELOPMENT PROJECTS

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

FLIGHT BOOKING APPLICATION

- Designed ER models and developed front and back end application 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.

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.

STUDENT ORG LEADER *Illinois Institute of Technology,*

OCTOBER 2018 - CURRENT

- Planned organization wide events with other Leaders.
- Coordinated group activities for students to maintain community despite Covid.