

ALICE LIU

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EDUCATION

Bachelor of Science, Computer Science

Expected May 2024

The Grove School of Engineering, The City College of New York

Relevant Coursework: C++, Data Structure, Fundamental Computer Systems, Algorithms, Data Structure, Java, Python

GPA: 3.68/4

SKILLS

Programming: Python, C++, CSS, HTML, JavaScript (intermediate), Java (intermediate), C

Technologies: Power BI, Microsoft Excel, Git/Github

Certifications: CodePath Android Development, AWS Technology Training, Certificate in Machine Learning Foundations (eCornell)

Languages: Mandarin Chinese (Fluent)

PROJECTS

KPMG Sustainable Future, <https://github.com/AliceLiu17/KPMG-Sustainable-Future>

- Worked in a team of 6 to prescribe placement of electric vehicle charging stations that appeals to the private corporation persona within the Dallas, Texas area
- Utilized Matplotlib, GeoPandas, Folium to analyze and visualize data to build descriptive and forecasting model

Pet Tinder App, <https://github.com/seaniori21/Pet-Tinder-Adoption>

- Android app that allows user to adopt animals through a Tinder-like interface
- Employed animal adoption API to populate data on current available pets, swipe functions, and access to Gmail to contact the “owner” of the pet

Toodaloo App, <https://github.com/too-da-loo/toodaloo>

- Application that assists users in locating restrooms a set radius and other filters including, style of restroom, gender neutrality, LGBTQ friendly, and diaper stations
- Implemented Google Places API to connect with elements of the app and Back4App to create users and profiles to interact with the application

PROFESSIONAL EXPERIENCES

KPMG Internship, Park Ave, NY

January 2022

Advisory Data Analytics Intern

- Analyzed data utilizing Excel and Power BI to generate dashboards and models.
- Managed and collaborated with 4 interns to provide a solution to KPMG’s ESG issues within 4 weeks.
- Presented strategies to directors and supervisors for lowering net carbon emissions.

EXTRACURRICULAR ACTIVITIES

CUNY Tech Prep, New York, NY

August 2022 - Present

Student Fellow

- Learning technical materials on Data Science, Streamlit web application, NLP, and Neural Networks
- Actively built a model, trained to classify 3 cat breeds using image classification resulting in 84% accuracy rate.

Break Through Tech AI, New York, NY

June 2022 - Present

Student Fellow

- Training in technical course materials associated with CRISP-DM process geared towards learning data science and its correlation to machine learning.
- Proactively collaborating with peers in 8 lab sessions utilizing Jupyter Notebook, NumPy, Pandas, Seaborn, Matplotlib, and other Python libraries.
- Utilizing data to create sustainable solution in partnership with KPMG to predict and provide descriptive location to place EV charging stations on geographical map.

CodePath Android University, Flushing, NY

September 2021 – December 2021

Student Fellow

- Studied Android App development using Java and built clones of Instagram, Twitter, and Flixster.
- Collaborated in team setting to build a Toilet App by integrating the Google Places API into the app.