**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.