

# Motong(Alice) Chen

Motong Chen, 4282, 70 Morningside Drive, New York, NY 10027  
(347) 982 – 5878 | mc3917@columbia.edu | GitHub: [github.com/momoalice](https://github.com/momoalice)

## Education:

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- Columbia College, Columbia University, New York, NY; Class of 2020;  
Major in Computer Science; Accumulative GPA: **4.05**.  
Classes taken: Honors Math, Honors Intro to Computer Science, Data Structure, Advanced Programming (in progress), Discrete Math (in progress), **Machine Learning** (In progress)  
Descriptive Grammar: Hungarian
- Study Abroad in Venice, Universita Ca' Foscari, Venice, Italy, Summer of 2017
- High School Affiliated to Fudan University, Shanghai, China, Class of 2016, GPA: 3.93

## Skills

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- Programming in Java, Python, R, Javascript, Html, CSS, Swift, Linux
- Web design, angular js, node js, bootstrap
- Data Analysis

## Language:

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- Chinese, English, Japanese(The Japanese-Language Proficiency Test, Level N2),Italian

## Honors/Awards:

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- **Dean List**, Columbia College, For 2 Semesters (Fall 2016 and Spring 2017)
- **Honorable Mention**, Mathematical Contest in Modeling, February 2017
  - using queuing theory model and automaton simulation model to optimize the design of highway carlanes
- **YHack (Yale Hackathon) Final List** (8 out of 150 teams, top 5%), November 2016
  - IOS Application: Affordable Fun. Using javascript, nodejs, and ionic to develop an iOS app that help people organize their weekend activities
- **Columbia Data Science Hackathon Final List** October 2016
  - develop a model that predict the trend of different financial instrument with Microsoft Azure, R, and Python.
- **DevFest, Best NYC Project** February 2017
  - develop an iOS app that utilizes augmented reality with swift

## Experiences:

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- **Club ADI(Application Development Initiative)**: Team Leader, Developer, Sep 2016 -
  - InfoJaams: Web App Project based on Ruby on Rails. Retrieving Info (music, sports, direction, etc.) for people without internet connection through text messages and phone calls. Using twillio
  - Ignite: A website for social good. Front end and back end Website design with javascript, Node js. JQuery, and mongodbBoth projects'code could be found on my GitHub
- **Symposium**: Coordinator, Program Co-Director, March 2017 -
  - Organizing a Reading Club in Shanghai
  - Cooperate with local school to promote the idea of liberal art education in China
- **Global China Connection**: General Board Member, Member of Marketing team, Sep 2017 -
  - Doing publicizing for events, graphic design, website design
- **Read Ahead**: Mentor, Sep 2017 –
  - Mentor for elementary school students and want to do my best to help them in their life

## Research Experience:

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- Math and Computer Science interdisciplinary project of “*Using Online Data to Forecast Box Office Earnings in the Chinese Film Market.*” 2014 - 2015

## Publication:

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- “*Effects of a 3D printing course on mental rotation ability among 10-year-old primary students*”  
Published in International Journal of Psychophysiology, Volume 94, Issue 2, November 2014