

Fangyuan (Carrie) Xu

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CAREER AND EDUCATION

Cornell Tech (New York) - Master of Engineering

(Expected May 2020)

- Incoming student of Master of Engineering in Computer Science

CUHK T Stone Robotics Institute (Hong Kong) - Research Assistant

(June 2019 - August 2019)

- Implemented several Deep Learning Algorithm on video understanding using PyTorch

Morgan Stanley (Hong Kong) - Technology Associate

(December 2017 - June 2019)

- Provided production support for Morgan Stanley Electronic Trading platform and built monitoring scripts
- Completed a 15-week Technology Analyst Program, which includes a 4-week project together with three analysts, including building a REST API service with Python Flask, adding python module to an existing command line interface and building a Web UI with Angular JS; Deployed all modules to production

Morgan Stanley (Hong Kong) - Technology Summer Analyst

(June 2016 - August 2016)

- Completed a full-stack development of a visualisation web tool using *d3.js* and *Flask* and deployed the tool to production

IOIO Creative (Hong Kong) - Programming Intern

(July 2015 - August 2015)

- Completed the full-stack development of a prototype of a multi-player killer game  using *Node.js*

University of Hong Kong - Bachelor of Engineering

(September 2013 - June 2017)

Major: Computer Science, Minor: French - Cumulative GPA: 3.73/4.3, Major GPA: 3.92/4.3

Tufts University, USA - Study Abroad

(September 2015 - December 2015)

HONORS

Kai Chong Tong Scholarship (2014-15), Dean's Honors List of Faculty of Engineering (2013-2014), Ho Fook Prize (2013-2014) and Walter Brown Memorial Prizes in Mathematics (2013-2014), CFA level 1 (2018 Dec)


SKILLS


Programming languages: Java (proficient), JavaScript (proficient), Python (proficient), C++/C, Haskell, Linux Bash Script, HTML, CSS, Perl, Scala;

Framework & libraries: D3.js, Django, Express, Flask, Node.js, PyTorch, Scikit-learn, socket.io, Tensorflow, Bootstrap

Languages: Cantonese (Native), Mandarin (Native), English (Fluent, TOEFL score: 110/120), French (DELFB2)

PROJECTS

Moet Hennessey Web App  **(Project, 2019):** Completed the full-stack development of the web interface for the demo version of a social media application, functions including user management, notification as well as an API which communicates with external programs using *Django* and *Bootstrap*.

HKUCS Educational Data Mining Tool  **(Final Year Project, 2016-17):** Designed and built a data mining web tool for postgraduate program admission in the Computer Science Department of the University of Hong Kong, with functions including data visualisation and admission prediction. The tool is built with *Django*, *D3.js* and *scikit-learn*.