MARCUS MOK

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Education

Tufts University (Class of 2017) — B.S. in Computer Science and Economics; Cumulative GPA: 3.5

Related Coursework: Data Structures (C++), Machine Structure and Assembly-Language Programming (C), Discrete Mathematics, Statistics, Econometrics (Stata), Calculus.

Experience

Consulting Director and Director of Events, Tufts Consulting Collective — 2014-Present

- Joined as a Project Manager for the Tufts Student Resources project in 2014. Helped TSR develop a long term framework for data management and visualization.

- Developed training curriculum for junior consultants that included project manager training, marketing, social media targeting, use of surveys and data visualization.

- Oversaw a team of seven consultants as consulting director in a project involving the early-stage search engine startup MapAround (url: maparound.com).

- Led the development of a long term framework for business development, marketing, branding and SEO over the course of a semester.

Analyst, Ortus Capital Management; Hong Kong — 2015

- Assisted the development of investment strategies through a data project: using econometric analysis (via R and VBA programming) to develop a quantitative model in order to predict future prices based on past data

- Implemented Bloomberg's API in order to create a live, synchronized database for FX data

Projects

Tufts Text Exchange — Ongoing; Scheduled for release in June 2016

(temporary url: http://zislam4.github.io/Textexchange/)

- Created a web service that makes exchanging used textbooks between students more effective — it allows users to display their textbooks and allows other users to purchase them

- Worked with a team of four on front-end design and development (HTML, CSS, Bootstrap)

Image Transformation, Compression and Decompression — Completed October 2015

- Created a C program that can perform rotation, transposition operations given an image input

- Built compression and decompression functionality for images by manipulating bit-level data representations

Skills

Programming Languages — C++, C, HTML, CSS, Javascript / jQuery

Computer Software — Stata, R, Microsoft Office and VBA

Languages — Fluent in English, Cantonese, Mandarin and written Traditional Chinese

Interests — Classical Music (Cello), Cooking