



OBJECTIVE

Seeking full time data scientist/visualization developer position

EDUCATION

- | | |
|--------------------------------------|--|
| Sep 2013
- Jan 2016
(Expected) | M.Phil.
Hong Kong University of Science and Technology
Electronic and Computer Engineering, CGA 3.5/4.0 |
| Sep 2009
- Jun 2013 | B.S.
Nanjing University
Electronic and Information Science, GPA 3.7/4.0 |

REASEARCH EXPERIENCE

- | | |
|------------------------|--|
| July 2015
- Present | UX Study for Hierarchical Data Visualization <ul style="list-style-type: none">- Designed novel human-computer interactions for enriching user experience during hierarchical data exploration.- Implemented one Gmap-based interface and one Treemap-based interface with d3.js for graphics and meteor.js for web application system.- Prepared paper submission to CHI'16 conference in team. |
| Dec 2014
- Apr 2015 | Visual Analytics System for Forum User Behaviour Study <ul style="list-style-type: none">- Highly resposible in interface design including system workflow, four graphic views and four glyph sets.- Conducted a pilot study with e-learning platform administrators from HKUST for interested user behaviors; conducted a small scale user study for evaluation.- Implemented back-end programs with Python to crawl data from two forums, clean data and developed algorithm to cluster data into conversation groups.- Prepared paper submission to TVCG journal in team. |
| Sep 2013
- Aug 2014 | Various Image Processing and Video Coding Projects <ul style="list-style-type: none">- Surveyed mainstream topics and challenges in low-level image processing and next generation video coding standards.- Modeled research problems with several optimization methods, researched on state-of-the-art algorithms to solve them and reported performances.- Gained an extensive understanding on machine learning methods and a practical experience on low-rank matrix optimization algorithms. |

SKILLS

Languages	Programming	Softwares
Mandarin ★★ ★	JavaScript ★★ ☆	Gephi ★★ ★
English ★★ ☆	CSS/HTML ★★ ☆	Illustrator ★★ ☆
Cantoness ★ ☆ ☆	Python ★★ ☆	MongoDB ★★ ☆

ACADEMIC ACTIVITIES



PG and UG
Scholarship



Teaching
Assistant



Paper
Reviewer



Conference
Volunteer

REFEREE

Huamin QU
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