Intelligent Big Data Visualization Lab

The Third Summer Internship Program 2018



This is not an industry job and it is not a simple internship. It is an opportunity to start your research career! You are going to work with top research teams on interesting topics in the field of data science. You are expecting to publish a research paper in top-tier journals/conferences and receive a recommendation letter from the mentor after this internship.

iDV^x Lab is a joint research lab at the College of Design and Innovation and the School of Software Engineering at Tongji University, Shanghai, China (Ranking Top 11 in China). The lab was founded in 2016 and focuses on data science, with the goal of developing state-of-the-art techniques in the fields of intelligent data analysis, visualization, design, and human-computer interaction. We apply these techniques to various application domains, such as precision medicine and intelligent design. The students in iDV^x Lab are from Tongji University, Zhejiang University, Wuhan University, The Hong Kong University of Science and Technology, Fudan University, Shanghai Jiao Tong University, and East China Normal University.

The third iDV^X Summer Internship Program opens for the students who are in the process of completing a Bachelor's or a Master's degree in math, computer science,

electrical engineering, design, digital media, or a related major. We offer paid internships for students who look forward to applying for graduate admission to the "artificial intelligence and data design" program in Tongji University or other related programs in universities abroad. We are proud to see that the students who have been selected for the internship program have successively received the admission from top universities such as Harvard, Yale, UIUC, NYU, Georgia Tech, UCSD, UC-Davis, and UCSB and the students who stay in the lab to pursue their master's degree are getting their research papers are keep publishing top-tier journals/conferences, such as IEEE TVCG

Website: http://idvx.lab.tongji.edu.cn/ Application Deadline: 2018/05/31

Timeframe: 2018/07/01 - 2018/10/01 (long-term preferred)

Location: Tongji University, Shanghai, China

What You Will Work On

Our interns will join one of the research teams and finish a paper submission within three months, the research topics include but not limited to:

- Precision Medicine using visual analytics and artificial intelligent techniques to analyze medical and healthcare data.
- Intelligent Design using machine learning algorithms to support visual communication design.
- Visual Analytics for LivingLine Project designing novel information visualization and using visual analytics techniques to develop a precise persona for each store on the prototype street for future living.

How to Apply

Please send the following materials entitled " [IDVX Lab Intern] + 2018InternApplication+ Affiliation + Name" to: <u>idvxlab [at] gmail.com</u> and <u>idvx.lab [at] tongji.edu.cn</u>

- Resume
- Academic record
- Publications or awards