XIANGDONG ZENG

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Education

Sep 2018 – Present   Shanghai, China
Fudan University
- Ph.D. candidate in theoretical physics
- Xianghui Scholarship, 2018

Sep 2014 – Jun 2018   Shanghai, China
Fudan University
- B.Sc. in physics
- Honor Student Scholarship in Natural Science, 2016 & 2018
- Undergraduate Professional Scholarship, 2016

Aug 2016 – Jan 2017   Umeå, Sweden
Umeå University
- Exchange student in Department of Physics

Projects

Feb 2017 – Present   CTAN: fduthesis
fduthesis, LaTeX thesis template for Fudan University
- Support doctoral, master dissertation and undergraduate thesis, both in Chinese or English
- Provide a simple interface, a normative format, as well as a hackable document class
- Support XƎTEX and LuaTEX engine at present; support for pdfTEX and ApTEX is under development
- Purely written in LaTeX3

Apr 2017 – Present   CTAN: zhlipsum
zhlipsum, Chinese dummy text
- Provide an interface to print dummy text in Chinese language
- Support UTF-8, GBK, Big5 encodings, and all the mainstream TEX engines

Jan 2018 – Present   CTAN: firamath
firamath, Sans-serif font with Unicode math support
- A fork of Fira Sans and FiraGO
- Support OpenType MATH table and can be used in XƎTEX, LuaTEX, Firefox, Microsoft Word, etc.
- Support numerous mathematical symbols
- Have 12 weights, from Thin to Ultra

Activities

Aug 2019   3type, Shanghai
Workshop: TypeSchool 2019 — from Digit to Digital
- Design a modern serif typeface Aluminium, under the direction of type designer Joe Chang and Rainer Erich Scheichelbauer

Apr 2019   Fudan University
Talk: Modern LaTeX in a Nutshell
- Introduce basic knowledge of typesetting and usage of LaTeX to undergraduate and graduate students

Skills

LaTeX related
- Typesetting & layout design
- Package development (including LaTeX3)
- Type design & font technology

Programming
- C / C++, Python, Mathematica, MATLAB, etc.
- HTML / CSS / JavaScript
- Git, Bash, etc.

Languages
- Native: Mandarin Chinese
- Fluent: English (TOEFL iBT 97)
- Basic: Swedish & Japanese

Community contributions

Dec 2018 – Present   github.com/CTeX-org
CTEX-org
- Develop & test CTEX related packages
- Translate documentations
- Answer questions in the forum

Jul 2018 – Present   latexstudio.net
LaTeX studio
- Help solving problems for LaTeX novice users
- Maintain a list of frequently asked questions
- Make introductory videos

Participating projects
- thuthesis, sjtuthesis, ustcthesis
  - Help develop the thesis templates
  - Resolve issues
- Garamond-Math
  - Design enclosed number glyphs
  - Review spacing & kerning
- LaTeX3, unicode-math
  - Add minor features
  - Edit documentations
- LaTeX-workshop
  - Help test the syntax highlight for LaTeX-expl3 & DocTEX