

XIANGDONG ZENG

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Experience

Apr 2021 – Present

Shanghai, China

atelierAnchor, Technician

- Assist develop and testing for typefaces, including *Dinkie Bitmap*, *Dinkie Icons*, *Jinhua Mincho*, etc.
- Develop the official website and other type related websites
- Participate in the editing of *dash*, an irregularly-published zine about type, typography, design and visual culture

Dec 2019 – Oct 2021

Shanghai, China

3type, Font engineering intern

- Assist develop and testing for typefaces, including *RVS Basic*, *Kuusi Sans*, etc.
- Develop Glyphs plugins, including *CJK Metrics*, *Blackness*, *Guides Palette*, etc.
- Explore workflow in Chinese font development
- Work as teaching assistant at TypeSchool, involving translation, software instructions and teaching Python

Education

Sep 2018 – Jun 2023 (expected)

Shanghai, China

Fudan University

- PhD candidate in theoretical physics (supervisor: Prof. Ling-Yan Hung)
- Research interest: use tensor networks to study Virasoro symmetries in CFT and categorical symmetries in topological orders

Sep 2014 – Jun 2018

Shanghai, China

Fudan University

- BSc in physics
- Honor Student Scholarship in Natural Science, 2016 & 2018

Projects

Feb 2017 – Present

🌐 stone-zeng/fduthesis

fduthesis, L^AT_EX thesis template for Fudan University

- Support doctoral, master dissertation and undergraduate thesis, both in Chinese and English
- Provide a simple interface and a hackable document class
- Support X_YL^AT_EX and Lua^AT_EX engines; purely written in L^AT_EX3

Jan 2018 – Present

🌐 firamath/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 X_YL^AT_EX, Lua^AT_EX, Firefox, Microsoft Word, etc.
- 1500+ mathematical symbols, 12 weights
- Explore the workflow of developing a math font in Glyphs

Jan 2018 – Jan 2022

🌐 stone-zeng/aluminium

Aluminium typeface

- A modern serif font with narrow width and high contrast
- Final project at 3type's TypeSchool 2019

Skills

Type design & font engineering

- Glyphs, FontForge, fonttools, etc.
- Latin and CJK type design
- Typography and layout design
- OpenType/TrueType

Programming

- C/C++, Python, Rust, Haskell, Mathematica, etc.
- HTML, CSS, JavaScript, Vue.js
- L^AT_EX package development
- Git, Bash, etc.

Languages

- Native: Mandarin Chinese
- Fluent: English
- Basic: Japanese

Community contributions

Dec 2018 – Present

C^T_EX-org

- Develop and maintain packages, including C^T_EX, x_eCJK, zhlipsum, etc.
- Maintain the Chinese translation of *lshort* and *learnlatex.github.io*
- Help solving problems in the forum

Talks

Oct 2020

Chinese “All Over” Chinese

- ATypI 2020 All Over

Mar 2020

Modern L^AT_EX in a Nutshell

- L^AT_EX studio (online)
- Video: bilibili/BV1RE411W7FS

Apr 2020

Mathematica in a Nutshell

- Fudan University (online)
- Video: bilibili/BV1z64y1T7Nb