

Xu Liu (<http://liuxu1005.github.io> Don't need visa support.)

Apt 23 , 180 Mountain Ave• Malden, MA 02148 • 617-459-8321 • liuxu1005@gmail.com / xu.liu@tufts.edu

EDUCATION

Tufts University

Master of Computer Science

Sept.2014-Aug.2016

Southwest Jiaotong University

Master of Material Science

June.2008

PROJECTS (<https://github.com/liuxu1005>)

Comparing sorting on CPU and GPU (Computer Architecture)

Solar System (Computer Graphics)

Content Centric Network (System Design)

Triangulation/Monotonicity (Computational Geometry)

Channel Code/Modulation/Routing (Networks)

JOS (Operating System)

COURSES

Courses from Tufts University

Computation Theory, Algorithm, Programming Language, Data Structure, Discrete Mathematics,
Artificial Intelligence, Introduction to Machine Learning, Computational Geometry, Computer Graphics,
Advanced Computer Architecture, Machine Architecture and Assembly Language, Database, System Design

Courses Taught by self

Operating System (following MIT 6.828 Operating System Engineering)

Networks (following MIT 6.829 Networks, 6.02 Digital Communication and Tufts comp 112 Networks and Protocol)

Currently Working on

Compiler, Distributed System

OTHER EXPERIENCE

Application Engineer at Angstrom Advanced Inc. Braintree MA

Mar.2012-Jan.2015

Technical support on application, installation & troubleshooting for chemical/material analytical instruments such as SEM, AFM/SFM, XRD, EDS/WDS, ICP-AES, GC-MS.

Belling Microelectronics Manufacturing Co. LTD., Shanghai, China

Feb.2008-August.2010

Lithography Process Engineer / Integrated Process Engineer

Develop and maintain processes for 6" silicon wafer production line (0.5 um process)