

Luming Liang

Software Engineer - Uber

Louisville, CO - Email me on Indeed: [indeed.com/r/Luming-Liang/75071280fa403136](https://www.indeed.com/r/Luming-Liang/75071280fa403136)

Computer scientist and software engineer. Interested in developing new methods for solving problems in computer graphics/vision, geometric processing and image processing.

Willing to relocate: Anywhere

WORK EXPERIENCE

Software Engineer

Uber - Louisville, CO - August 2015 to Present

Responsibilities

Information Extraction from images using computer vision and machine (deep) learning.

Skills Used

Opencv, Caffe, Python, Spark, Hadoop

Data Scientist

Microsoft - Bellevue, WA - May 2015 to July 2015

Streetside client on bing map: Implemented road-aware cursor.

Skills Used

C++, OpenGL, Shaders

Software Development Engineer

Microsoft - Redmond, WA - September 2014 to April 2015

Flighting experience, control tower: Implemented performance metric tables for task tracking based on fast sql queries

Skills Used

Javascript, Sql, C#, CSS, HTML

Software Engineer Intern

Microsoft - Redmond, WA - May 2013 to August 2013

Responsibilities

Engineering Searching: Designed and implemented a scenario authoring tool for internal bug report.

Skills Used

C#, WPF, MEF

Research Intern

ION Geophysical - Houston, TX - May 2012 to August 2012

Seismic image processing: Implemented structure-oriented smoothing for processing seismic images and velocity fields;

PP/PS image registration: Developed pairwise registration algorithm for PP and PS images to recover P-wave and S-wave velocity ratio.

Skills Used

Java, C++

Research Intern

Landmark Graphics, Halliburton - Houston, TX - May 2009 to August 2009

Seismic fault recognition: Developed an automatic geological fault displacement estimation algorithm.

Skill used:

Java

EDUCATION

Doctor of Philosophy in Computer Science

Colorado School of Mines - Golden, CO

2008 to 2014

Master of Science in Computer Science

Colorado School of Mines - Golden, CO

2008 to 2014

Master of Engineer in Computer Science

Central South University - Changsha, CN

2005 to 2008

Bachelor of Science in Computer Science

Central South University - Changsha, CN

2001 to 2005

SKILLS

C++ (10+ years), Python (3 years), Java (5 years), OpenGL (8 years), OpenCV (3 years)