

# Lu Yu

Software Engineer at Facebook

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## Summary

I got a Master's degree in Computer Science in UCLA and I am currently a software engineer at Facebook Inc.

I offer a solid record of study across various computer science topics, such as database system development, data mining, front and back-end website construction.

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## Experience

### **Software Engineer at Facebook**

March 2015 - Present

### **Software Engineer Intern at Facebook**

June 2014 - September 2014 (4 months)

Ads back-end, Atlas Delivery

### **Research Assistant at Case Western Reserve University**

September 2011 - May 2013 (1 year 9 months)

1.

Constructed a relational database management system that supports concurrent transaction operations.

Implemented buffer management policies to make the system recoverable.

Included functions such as caching and aggregation in the system.

2.

Predict patients' days hospitalized base their medical history from previous years.

### **Project Team Member at Case Western Reserve University**

January 2013 - April 2013 (4 months)

Collaborated on a five-person team to develop Octivat, a tool for analysis and visualization of intra-coronary OCT images. It could visualize the 3D model of a coronary with a stack of 261 2-dimensional images.

### **Teaching Assistant at Case Western Reserve University**

September 2012 - December 2012 (4 months)

Lectured to 50 students in lab sessions about basic programming concepts and techniques in Java.

Assisted with grading the programming projects and proved feedback on program performance.

### **Project Team Member at Case Western Reserve University**

January 2012 - May 2012 (5 months)

Developed the Artificial Intelligence for a strategy game created in Professor Soumya Ray's lab. The resulting AI made it possible for the gaming agent to tackle various tasks, including choosing shortest path, efficiently collecting resources, building attacking units to attack the enemy's town halls, etc.

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## Education

### **University of California, Los Angeles**

Master's Degree, Computer Science, 2013 - 2014

### **Case Western Reserve University**

Bachelor of Engineering (BEng), Electrical and Electronics Engineering, 2009 - 2013

### **Hangzhou Foreign Languages School**

High School, General Studies, 2002 - 2008

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[Contact Lu on LinkedIn](#)