



**J. Alien Information (This section must be filled out. This information must be different from the agent or attorney information listed in Section E).**

1. Alien's last name <b>LU</b>	First name <b>YANXIN</b>	Full middle name	
2. Current address 1 <b>1000 ESCALON AVE.</b>			
Address 2 <b>APT. K2087</b>			
3. City <b>SUNNYVALE</b>	State/Province <b>CA</b>	Country <b>UNITED STATES OF AMERICA</b>	Postal code <b>94085</b>
4. Phone number of current residence <b>254-224-1457</b>			
5. Country of citizenship <b>CHINA</b>		6. Country of birth <b>CHINA</b>	
7. Alien's date of birth <b>10/17/1989</b>		8. Class of admission <b>H-1B</b>	
9. Alien registration number (A#)		10. Alien admission number (I-94) <b>68698317556</b>	
11. <input type="checkbox"/> None <input type="checkbox"/> High School <input type="checkbox"/> Associate's <input type="checkbox"/> Bachelor's <input type="checkbox"/> Master's <input checked="" type="checkbox"/> Doctorate <input type="checkbox"/> Other			



**J. Alien Information Continued**

11-A. If Other indicated in question 11, specify			
12. Specify major field(s) of study <b>COMPUTER SCIENCE</b>			
13. Year relevant education completed <b>2019</b>			
14. Institution where relevant education specified in question 11 was received <b>RICE UNIVERSITY</b>			
15. Address 1 of conferring institution <b>6100 MAIN STREET</b>			
Address 2			
16. City <b>HOUSTON</b>	State/Province <b>TX</b>	Country <b>UNITED STATES OF AMERICA</b>	Postal code <b>77005</b>

**K. Alien Work Experience**

List all jobs the alien has held during the past 3 years. Also list any other experience that qualifies the alien for the job opportunity for which the employer is seeking certification.

**a. Job 1**

1. Employer name <b>Facebook, Inc.</b>			
2. Address 1 <b>1 Hacker Way (aka 1601 Willow Rd.)</b>			
Address 2			
3. City <b>Menlo Park</b>	State/Province <b>CA</b>	Country <b>UNITED STATES OF AMERICA</b>	Postal code <b>94025</b>
4. Type of business <b>Social Networking</b>		5. Job title <b>Research Scientist</b>	
6. Start date <b>01/22/2019</b>	7. End date	8. Number of hours worked per week <b>40</b>	

Job 1 continued on next page



**K. Alien Work Experience Continued**

9. Job details (duties performed, use of tools, machines, equipment, skills, qualifications, certifications, licenses, etc. Include the phone number of the employer and the name of the alien's supervisor.)

See Attachment

**b. Job 2**

1. Employer name <b>Rice University</b>				
2. Address 1 <b>6100 Main Street</b>				
Address 2				
3. City <b>Houston</b>	State/Province <b>TX</b>	Country <b>UNITED STATES OF AMERICA</b>	Postal code <b>77005</b>	
4. Type of business <b>University</b>			5. Job title <b>Student</b>	
6. Start date <b>08/20/2012</b>		7. End date <b>12/30/2015</b>	8. Number of hours worked per week <b>40</b>	
9. Job details (duties performed, use of tools, machines, equipment, skills, qualifications, certifications, licenses, etc. Include the phone number of the employer and the name of the alien's supervisor.)  See Attachment				

**c. Job 3**

1. Employer name <b>Baylor University</b>				
2. Address 1 <b>1612 S University Parks Dr.</b>				
Address 2				
3. City <b>Waco</b>	State/Province <b>TX</b>	Country <b>UNITED STATES OF AMERICA</b>	Postal code <b>76706</b>	
4. Type of business <b>University</b>			5. Job title <b>Student</b>	
6. Start date <b>08/25/2008</b>		7. End date <b>05/11/2012</b>	8. Number of hours worked per week <b>40</b>	

Job 3 continued on next page



**K. Alien Work Experience Continued**

9. Job details (duties performed, use of tools, machines, equipment, skills, qualifications, certifications, licenses, etc. Include the phone number of the employer and the name of the alien's supervisor.)

See Attachment

**L. Alien Declaration**

*I declare under penalty of perjury that Sections J and K are true and correct. I understand that to knowingly furnish false information in the preparation of this form and any supplement thereto or to aid, abet, or counsel another to do so is a federal offense punishable by a fine or imprisonment up to five years or both under 18 U.S.C. §§ 2 and 1001. Other penalties apply as well to fraud or misuse of ETA immigration documents and to perjury with respect to such documents under 18 U.S.C. §§ 1546 and 1621.*

*In addition, I further declare under penalty of perjury that I intend to accept the position offered in Section H of this application if a labor certification is approved and I am granted a visa or an adjustment of status based on this application.*

1. Alien's last name LU	First name YANXIN	Full middle name
2. Signature	Date signed	

**Note** – The signature and date signed do not have to be filled out when electronically submitting to the Department of Labor for processing, but must be complete when submitting by mail. If the application is submitted electronically, any resulting certification MUST be signed *immediately upon receipt* from DOL before it can be submitted to USCIS for final processing.

**M. Declaration of Preparer**

1. Was the application completed by the employer? If No, you must complete this section.	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
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*I hereby certify that I have prepared this application at the direct request of the employer listed in Section C and that to the best of my knowledge the information contained herein is true and correct. I understand that to knowingly furnish false information in the preparation of this form and any supplement thereto or to aid, abet, or counsel another to do so is a federal offense punishable by a fine, imprisonment up to five years or both under 18 U.S.C. §§ 2 and 1001. Other penalties apply as well to fraud or misuse of ETA immigration documents and to perjury with respect to such documents under 18 U.S.C. §§ 1546 and 1621.*

2. Preparer's last name Luan	First name Gloria	Middle initial
3. Title Associate Attorney		
4. E-mail address FBDOL@balglobal.com		
5. Signature	Date signed	

**Note** – The signature and date signed do not have to be filled out when electronically submitting to the Department of Labor for processing, but must be complete when submitting by mail. If the application is submitted electronically, any resulting certification MUST be signed *immediately upon receipt* from DOL before it can be submitted to USCIS for final processing.

## Addendum

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### K. 9. Job 1 - Job Details

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Research, design, and develop new optimization algorithms and techniques to improve the efficiency and performance of Facebook's platforms. Design and implement large-scale distributed software systems to serve large numbers of complex requests simultaneously and without failure. Utilize technical research background, train new ranking models, and run experiments. Create tools for migrating large bodies of user data across systems for new products, scalability efforts, and development of new core infrastructure. Use machine learning, statistics, and other data techniques to build algorithms. Suggest, collect, and synthesize system requirements from stakeholders and create effective feature roadmaps. Analyze and resolve computer challenges from a system engineering standpoint.

Supervisor: Krishnan Ramnath  
Phone Number: 650-543-4800

## Addendum

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### K. 9. Job 2 - Job Details

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During graduate degree studies, completed coursework and research projects involving each of the following:

- Algorithms, data structures, or systems software;
- Solving analytical problems using quantitative approaches;
- Gathering, manipulating, or analyzing complex, high-volume, high-dimensionality data from varying sources;
- Communicating complex research in a clear, precise, and actionable manner;
- Research in topics closely related to machine learning, NLP, recommendation systems, pattern recognition, signal processing, data mining, artificial intelligence, information retrieval, or computer vision;
- Performing research that enables learning the semantics of data (images, video, text, audio, or other modalities) and advances the technology of intelligent machines;
- Devising better data-driven models of human behavior;
- Adapting standard machine learning methods to best enterprise modern parallel environments: distributed clusters, multicore SMP, or GPU;
- Developing highly scalable classifiers and tools leveraging machine learning, statistics, regression, rules-based models, or mathematical models; and
- Java, C++, Perl, PHP, or Python.

Research projects included:

- Learning to Grade Student Programs in Massive Open Online Course: Developed a machine learning algorithm which automatically grades graphical programs submitted by students in Massive Open Online Course. In this project, gathered and analyzed a large amount of program data. Also extracted useful NLP features and patterns from those data and helped devise a machine learning model for grading graphical programs.
- Improving Peer Evaluation Quality in Massive Open Online Courses: Implemented a web application for peer evaluations and showed that this providing feedback can improve peer evaluation quality in Massive Open Online Course. Conducted a user study where deployed a highly scalable web application used to gather feedback for peer evaluations from thousands of students online, analyzed the quantitative data and showed that providing feedback can improve the quality of peer evaluations. Presented this work in WWW 2015, the top academic conference focused on the worldwide web.
- Program Splicing: Developed a method for automatically generating the source code of programs using an existing code corpus. As part of this project, gathered a large number of programs from online repositories, extracted data for learning the semantics of the data and implemented a data-driven algorithm which generates programs automatically. Also implemented a scalable web application which demonstrated this algorithm and presented the work in ICSE 2019, the foremost academic conference in the area of Software Engineering.

Supervisor: Swarat Chaudhuri  
Phone Number: 713-348-4834

## Addendum

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### K. 9. Job 3 - Job Details

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During undergraduate degree studies, completed coursework involving each of the following:

- Algorithms, data structures, or systems software;
- Solving analytical problems using quantitative approaches;
- Gathering, manipulating, or analyzing complex, high-volume, high-dimensionality data from varying sources;
- Communicating complex research in a clear, precise, and actionable manner,
- Research in topics closely related to machine learning, NLP, recommendation systems, pattern recognition, signal processing, data mining, artificial intelligence, information retrieval, or computer vision;
- Performing research that enables learning the semantics of data (images, video, text, audio, or other modalities) and advances the technology of intelligent machines;
- Developing highly scalable classifiers and tools leveraging machine learning, statistics, regression, rules-based models, or mathematical models; and
- Java, C++, Pen, PHP, or Python.

Supervisor: Sharon Humphrey  
Phone Number: 254-710-3876