

Felicia Fanglin Lu

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SUMMARY

Fast learner with **great passion** in programming; now looking for a 2016 summer internship.

EDUCATION

University of Pennsylvania (UPENN)	August 2015-January 2017
<i>Master of Science in Computer and Information Technology</i>	
University of Illinois at Urbana-Champaign (UIUC)	August 2010-January 2013
<i>Master of Science in Crop Sciences</i>	GPA: 3.85/4.00
China Agricultural University (CAU)	September 2006-June 2010
<i>Bachelor of Science in Food Science</i>	GPA: 3.71/4.00

SKILLS

Python, Java, Git, SQL, Unix, MongoDB, NodeJS, Data analysis, Statistics, R programming, Excel VBA

SKILLS IN PROGRESS

C programming, Computer System, Theory of Computer Architecture, Algorithm, Machine Learning, Web Development, Database, System Design, iOS, Android, HTML

RESEARCH & INDUSTRY EXPERIENCE

Data Analyst (Supervisor: Prof. Li-san Wang)	September 2015-present
University of Pennsylvania (Bioinformaitcs lab)	
<ul style="list-style-type: none">• Unix scripting for genetic data analysis	
Scientist I (Supervisor: Vanessa Schasker)	November 2014-May 2015
Thermo Fisher Scientific (through Norland Group)	Pleasanton, CA USA
<ul style="list-style-type: none">• Improves the production process by 50% by programming and updating data input and output system	
Scientist (Supervisor: Shunxue Tang, and Ramesh Buyyarapu)	January 2013-June 2014
Dow AgroSciences (through Kelly Services)	Indianapolis, IN USA
<ul style="list-style-type: none">• Led and supported projects in Trait Genetics and Technologies department of R&D for analyzing large genetic dataset for finding molecular markets in plants•	

SELECTED PROGRAMMING PROJECTS

Trivia game project	<i>Developing an online trivia game using database linked with Facebook account</i>
Calendar syncing project	<i>Developing a WebApp to sync the calendars among people for meeting scheduling</i> <i>Working with team members and participating in PennApp Hackathon</i>
Trend project	<i>Developed a geographic visualization of twitter data across the USA using python</i>
Hangman Game project	<i>Developed a Java version of Hangman Game</i>

OTHER LEADERSHIP EXPERIENCE

- Wharton Consulting Club
- Dow AgroSciences Science Ambassador Program Volunteer (DAS Recognition)
- Leadership Certificate Program at UIUC
- UIUC Crop Science Student Association
- Best Manager for Toastmaster Club at Stanford University
- President of the Volunteer Program between CAU and China Science and Technology Museum
 - Recruited and trained 32 volunteers for China Science and Technology Museum
 - Organized and coordinated weekly volunteer activities
- Executive Director for the CAU Ambassador Program
 - Represented the university for international events and activities
 - Led a team of ten for international volunteer events

AWARDS AND SCHOLARSHIPS

- National First Scholarship, CAU (**Awarded to top 5% students**)
- First Award for China National Junior High Mathematics Tournament (**Awarded to top 0.1%**)
- Special Award for China National Junior High Physics Tournament (**Awarded to top 0.01%**)
- Final Award and full scholarship from Waseda University for Innovative Competition in Japan
- Best Volunteer Award for the National Ph. D Student Forum on Food Safety and Human Health 2009
- Kelly Services Employee Award
- Recognitions at Dow (For hard work, leadership, and volunteering at Science Ambassador Events)
- Best Personal Charisma Prize for Model United Nations, CAU

HOBBIES

programming a lot, running, hiking, violin, music, badminton, dancing, psychological counseling for friends, learning new things, reading a lot of nonfictions, especially Malcolm Gladwell's books, like *Tipping point* or *David and Goliath*...