

LIANG DAI

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I'm a new grad, master in CS, I'm ready to get my hands dirty, eager to learn new technology, aspiring to solve real-world challenges

EDUCATION

Pace University – Seidenberg School of Computer Science and Information Systems	Pleasantville, NY
Master of Science – Computer Science GPA: 3.61	September 2017 — May 2019
Nanjing University of Posts and Telecommunications (NUPT)	Nanjing, China
Bachelor of Management – Information Management and Information Systems GPA: 3.29	September 2011 — June 2015
Honors: National Silver Award in The 9th Challenge Cup College Students Entrepreneurship Competition (top 5% of total participants, 2014) Third Prize for University Science and Technology Competition (2013) Excellent Social work award (2011-2015)	

TECHNICAL SKILLS

Programming Languages: Java, Python, R, Swift, SQL, Spring Framework, Maven	Database: MySQL, Firebase
Web technologies: HTML5, CSS3, JavaScript, TypeScript, Tomcat, REST API	Tools: qTest, Postman, Docker, Jupyter, Colab
Front End: Angular 7, Cordova, Node.js, Ionic4	OS: macOS, windows, Linux, ubuntu, GCP
Machine Learning: Tensorflow, Keras, scikit-learn, NumPy, NLTK	Version Control: Git, GitHub, Bitbucket

PROJECTS

Mobile web project: Math Gun – An efficient, mobile and browser friendly Progressive Web Apps, aims to help to plot a line on canvas by the equation. Using HTML5, CSS3, JavaScript, this project is open sourced on GitHub.

Ionic Project: Explorer – A hybrid mobile apps which help explore the world by using Google Vision and Wikipedia API. Coding in Angular 6, building with Ionic 4 and Cordova. Worked on the REST/Web API to create the services and tested on postman and used in AngularJS \$HTTP service calls and bind the data in the card.

UI Design project: Bridget Riley Drawing – A Bridget Riley style drawing web page, Coding in Angular 6, Using native Canvas API. Integrate with device accelerometer, give the drawing a smooth nature movement, while moving the device.

Angular project: OPT Calculator – An Angular webpage which helps to calculate the OPT date. Using Angular7 and MomentJS.

Deep learning project: Diabetic Retinopathy Detection – Using Tensorflow with Inception-v3 CNN-model, result in 74.8% accuracy.

Capstone project: EZ Park – Android App which helps users find parking spot. The app using Firebase and Google Map API, and maintain on Bitbucket. The project follows the Agile Methodology. My role is the developer in the team, also lead the retrospective meeting at the end of every iteration. Fully involved the whole life cycle of project development.

The 4th annual MLH Local Hack Day project: TrunkPool - A web platform which allows the driver to share their car trunk. Honor-Best Presentation Award, Dec 2, 2017 Pace University Pleasantville Campus

EXPERIENCE

Seidenberg School of Computer Science and Information Systems at Pace University	New York, NY
Teaching Assistant for CS641 Mobile Web Content and Development (Angular 7, Ionic 4)	Jan 2019 – May 2019
<ul style="list-style-type: none">Attend the class, troubleshoot and assist the students in their in-class exercise during the lab session.Grade and give feedback on 29 students' Assignment every week, collect student's common mistakes.Weekly assist more than 10 students with their assignments and questions remotely on Slack.Created and gave a lecture(3h) about the Angular App Architecture, also made the assignment and quiz on this topic.	
Elisabeth Haub School of Law at Pace University	White Plains, NY
ITS Student Technician	Oct 2017 – May 2018
<ul style="list-style-type: none">Assist 10+ users daily by troubleshooting and resolving technical issues on devices.Install computers across several offices on campus to ensure functionality and connectivity to the university's domain.Reimage Windows and Mac OS, write scripts to configure the OS, write instructions for the user and new staff.Supervised 2 new student staff, guide them towards professional.	
Kingdee Software (China) Co., Ltd.	Beijing, China
Software QA Intern	May 2015 - June 2015
<ul style="list-style-type: none">Performed black box testing for k/3 cloud products. Found 20 errors, documented test results and compiled error files.	
Oracle (China) Software System Co., Ltd.	Beijing, China
Education Department Intern	August 2013 - August 2013
<ul style="list-style-type: none">Supported clients by answering questions concerning company courses and resolving attendance disputes.	

LEADERSHIP

NUPT School of Economics and Management	NUPT, Nanjing, China
Academic Advisor's Assistant	October 2011 – June 2015
<ul style="list-style-type: none">Assisting counselors to manage 340 students, organize and coordinate all 11 monitors to complete class work.Scheduling, directing the school activities, e.g. dances, team competitions, Graduation ceremony, spring and autumn tour.	

VOLUNTEER WORK

New York Chinese school at White Plains, Chinese teacher for CSL4, White Plains, NY	Jan 2018 - Jun 2018
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