# JING WEI LI

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## OBJECTIVE

To obtain a summer internship or an undergraduate research position in the field of electrical engineering, computer engineering or computer science.
**Note: I am a permanent resident of the United States and do not require Visa Sponsorship for employment.**

## EXPERIENCE

### Graphic Designer and Web Designer

*RPI STUDENT UNION*                                    *01/2017 - PRESENT*
• Apply graphic design skills in creating logos, posters, brochures, and other designs using Adobe Illustrator, Adobe InDesign and Adobe Photoshop.
• Maintain RPI Union Websites using Drupal.

### Bilingual Customer Service Representative

*NATIONAL MEDTRANS NETWORK*                    *SUMMER 2017*
• Customer service representative working between members, transportation providers, and health insurances to schedule trips to doctor's visits, using the MXIE software and a web app.
• Assisted customers with their inquiries, resolve complaints, and settle grievances.
• Gained exceptional communications skills as well as experiences in the service industry.

### Electronic Manufacturing / AutoCAD Intern

*QUADLOGIC CONTROLS CORP*                    *02/2016 - 05/2016*
• Drafted 10+ AutoCAD schematics of complex electrical products to enable smooth production of electronics.
• Verified 200+ service statuses of electrical products using TeraTerm in order to improve the satisfaction rating of the company.
• Assisted with electronic manufacturing processes such as soldering.

### Programming Team Caption & Video Editor

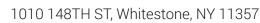*FIRST ROBOTICS TEAM 1635*                    *09/2013 - 06/2016*
• Developed a course-correcrion algorithm in Java to ensure that the robot drives straight despite external forces that could render it off-course. It was accomplished with the help of an onboard gyroscope.
• Utilized Java and Arduino to program WPILib – based robots. The 2016 robot ranked #5 in NYC Regional Competition.
• Developed strong leadership, communication and time management skills dealing with various challenges in the 6-week designing process.
• Filmed and produced professional videos documenting the entire robotics journey, receiving over 20,000 views.

## CERTIFICATIONS

**Microsoft Office Specialist - PowerPoint 2013,** Certiport
• License Number: 13410139                                    June 2016

## EDUCATION

**Rensselaer Polytechnic Institute (RPI)**
**B.S.**, Computer Science & Computer Systems Engineering
**GPA: 3.11 / 4.0**
**Expected Graduation Date:** May 2020
**Rensselaer Leadership Award & Dean's List**
**Coursework:** Computer Science I, Data Structures, Engineering Graphics and CAD, Statics, Calculus I – III, Differential Equations, Physics I - II, Embedded Control, Computer Components & Operations, Foundations of Computer Science, General Psychology

## PROJECTS

### Personal Website - url: ljw980105.github.io

• Designed a fully-responsive personal website entirely from scratch, using HTML, CSS, JavaScript, jQuery and ReactJS.
• Reverse-engineered the popular mobile game 2048 using ReactJS. See it in action in the games tab of my website.
• Gained experience with web design software & workflows such as Dreamweaver, JetBrains Webstorm. and GitHub Pages.

### Embedded Control - Fall 2017

• Utilized the SiLabs C8051 microcontroller unit to engineer a series of embedded systems, which include a Smart Car and a Gondola both capable of steering, driving and course correction.
• Gained experience programming the microcontroller using the C programming language, as well as debugging circuits using the logic probe, multimeter and oscilloscope, etc.

## SKILLS

**LANGUAGES:** Bilingual: fluent in English and Chinese

**IDES:** CLion, WebStorm, PyCharm, Eclipse, NetBeans, SiLabs IDE, Wing IDE, Xcode

**CODING:** Python, Java, C++, C, Arduino, Swift, Git

**WEB DESIGN:** HTML, CSS, Sass, JavaScript, jQuery, ReactJS, Adobe Dreamweaver

**BASIC:** Windows 7/8/10, macOS, iOS, Microsoft Office, Adobe Acrobat

**ENGINEERING:** AutoCAD, MatLab, Siemens NX, Soldering, Embedded Systems, Logic Design

**IMAGING & DESIGN:** Adobe Photoshop, Adobe Illustrator, Adobe InDesign, Adobe Lightroom

**VIDEO EDITING:** Adobe Premiere Pro, Adobe After Effects, Adobe Audition, Final Cut Pro