


# 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.

## 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.

### 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 Captain & Video Editor

*FIRST ROBOTICS TEAM 1635* 09/2013 - 06/2016

- Developed a Java algorithm to ensure that the robot will drive 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.
- Received the MVP Award sponsored by FIRST.

## EDUCATION

### Rensselaer Polytechnic Institute (RPI)

B.S., Electrical Engineering & Computer Systems Engineering

GPA: 3.41 / 4.0

Expected Graduation Date: May 2020

Rensselaer Leaderships Award & Dean's List

Coursework: Computer Science I, Data Structures, Engineering Graphics and CAD, Statics, Calculus I – III, Differential Equations, Physics I

## PROJECTS

### Personal Website - url: [ljw980105.github.io](https://ljw980105.github.io)

- Designed a personal website entirely from scratch, using HTML, CSS, JavaScript, jQuery and ReactJS.
- Recreated the popular mobile game 2048 using ReactJS. See it in action in the games tab of my website.
- Gained experience in web design software such as Adobe Dreamweaver and JetBrains Webstorm.
- Developed familiarity with website deploying techniques including GitHub Pages.

## SKILLS



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



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



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



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



**ENGINEERING:** AutoCAD, MatLab, Siemens NX, Soldering



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



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

## CERTIFICATIONS

Microsoft Office Specialist - PowerPoint 2013, Certiport

- License Number: 13410139 June 2016