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.

Education

Rensselaer Polytechnic Institute (RPI)   Expected: May 2020

Bachelor of Science, Electrical Engineering & Computer Systems Engineering

- GPA : 3.41 / 4.0
- Rensselaer Leadership Award & Dean's List
- Coursework: Computer Science I, Data Structures, Engineering Graphics and CAD, Statics, Calculus I – III, Differential Equations, Physics I

Experience

RPI Student Union   January 2017 - Present

Graphic Designer and Web Designer

- 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.

Quadlogic Controls Corporation   February 2016 – May 2016

Electronic Manufacturing / AutoCAD Intern

- 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.

FIRST Robotics Team 1635   September 2013 – June 2016

Captain of the Programming Team, Video Editor

- 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.

Skills

LANGUAGES: Bilingual: fluent in English and Chinese

PROGRAMMING: Python, Java, C++, Arduino

WEB DESIGN: HTML, CSS, JavaScript, 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   June 2016

- License Number: 13410139