

## **Zihao Lu**

### **PRESENT ADDRESS**

176 Seventh Avenue  
Troy, NY 12180  
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### **PERMANENT ADDRESS**

9280 Fox Harrow Lane  
Annandale, VA 22003  
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### **OBJECTIVE**

A mechanical engineering position integrating automation into manufacturing.

### **EDUCATION**

RENSSELAER POLYTECHNIC INSTITUTE, Troy, NY  
B.S. Mechanical Engineering, May 1989  
Q.P.A. 3.2/4.0 (in major)

### **EXPERIENCE**

#### **CO-OP STUDENT TRAINEE**

Naval Research Laboratory, Washington, DC  
Summer, Fall 1988, Fall 1987

- Conducted mechanical testing of various alloys. Operated machining equipment, scanning electron microscopes, and other equipment in the preparation and analysis of tested and nontested samples.
- Designed and coordinated the phases of the experiment in an attempt to determine the cause of a problem encountered in the production of a new tank armor.

#### **CO-OP ENGINEERING TRAINEE**

Environmental Protection Agency, Washington, DC  
Summer 1986

- Programmed for data entry, storage, and retrieval and managed the databases.
- Restructured existing programming and data files to improve data entry time by 100
- Taught classes in database management and programming.

### **HONORS**

Rensselaer Medal, High School Valedictorian, Dean's List of Distinguished Students

### **ACTIVITIES**

Alpha Epsilon Pi Fraternity, American Society of Mechanical Engineers, Karate and Skydiving Clubs

### **HOBBIES**

Volleyball, weightlifting, and automotive repair