

# IRENE MUÑOZ CARRILLO

Hard worker seeking for a supply chain position

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## EDUCATION

### Master in Industrial Technology and Operations Supply Chain Management specialization (Double degree)

**Illinois Institute of Technology** | GPA  
📅 2016 - ongoing 📍 Chicago, IL | 3.52/4

### Master of Science in Industrial Engineering Organization specialization (Double degree)

**Universidad Politécnica de Madrid** | GPA  
📅 2015 – 2016 📍 Madrid, Spain | 3.52/4

- Courses: Supply Chain. Participation in **Global Management Challenge**, the world's largest simulation-based strategy and business management competition

### Study abroad: 4th Year of Industrial Engineering degree

**Polytechnic University of Bucharest**  
📅 2014 – 2015 📍 Bucharest, Romania

### Bachelor of Science in Industrial Engineering Electronics and systems engineering specialization

**Universidad Politécnica de Madrid** | GPA  
📅 2010 – 2014 📍 Madrid, Spain | 3.21/4

- Bachelor Project: MATLAB Implementation of a Linear Circuit Solver, in collaboration with Polytechnic University of Bucharest

## SKILLS

### Languages

Spanish	Native	●●●●●
English	Advanced	●●●●○
French	Basic	●○○○○

- MATLAB
- Organization skills
- Creativity skills
- Basic C
- Microsoft Office
- Teamwork
- Problem solving

## EXPERIENCES & LEADERSHIP

- Volunteer in **National Minority Supplier Development Council Conference**, Welcome Reception, Workshops, The Awards Banquet Reception (2016)
- Participation in Pack Expo trade show (2016)
- Community service: Tutoring, supporting and taking care of children from 0 to 18 years old in Jaire Association and Casa Cuna in Madrid
- Particular teacher: Spanish, Mathematics, Chemistry and Physics
- Participation in National Mathematics Olympics, Spain (2010)

## PROJECTS

### ADVANCED PALLETS TECHNOLOGIES FOR NEXT GENERATION SUPPLY CHAIN AND APPLICATIONS

**Industrial Technology and Management department**

📅 2016 - ongoing 📍 Chicago, IL

- Researched **new palletizing methods**
- Compared new pallets materials: biodegradable pallets, storage flat packaging, loading ledges, new wooden pallets
- Built scale models of different kind of pallets

### NO-LINE

**Automatic, Electrical Engineering and Industrial Electronics and Computer department**

📅 2015 - 2016 📍 Madrid, Spain

- Development of a technological device to manage a store in order to avoid lines in cafeterias: **Android mobile application and Raspberry Pi scanner**
- Android graphic interface programming, C++ programming, SQLite data base, Qt, Raspberry Pi, teamwork
- **Implemented** in the cafeteria of Universidad Politécnica de Madrid

### MATLAB IMPLEMENTATION OF A LINEAR CIRCUIT SOLVER (BACHELOR PROJECT)

**Automatic, Electrical Engineering and Industrial Electronics and Computer department**

📅 2014 - 2015 📍 Madrid, Spain/ Bucharest, Romania

- Conception, design and implementation of a **circuit solver** in MATLAB in order to simulate easily the behavior of linear circuits
- MATLAB, Circuit theory, **International relationships**
- Implemented in Polytechnic University of Bucharest. Used to solve Modular Layer Model (MLM) circuits