Luis Badesa

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Summary

I am a 3rd year PhD student working on stochastic economic optimisation for electricity networks.

Education

- **PhD in Electrical Engineering**, Imperial College London (2016 – present)
- **MSc in Electrical Engineering**, University of Maine (United States) (2014 – 2016)
- **BSc in Industrial Engineering**, University of Zaragoza (Spain) (2010 – 2014)

Experience

- **Supervisor of Master's theses**, Imperial College London (2017 – present)
- **Graduate Teaching Assistant**, Imperial College London (2017 – present)
- **Instructor** for "Intro to Robotics", Johns Hopkins Center for Talented Youth (Summer 2016)
- **Researcher in Smart Grid**, University of Maine (2014 – 2016)
- **Assistant Researcher in Digital Electronics**, University of Zaragoza (2013 – 2014)
- **Intern in Control Engineering**, Titan International Inc (Monreal del Campo) (Summer 2013)
- **Mathematics Tutor** for high-school students (2012 – 2014)

Awards

- Ranked 1st among students in Electrical & Computer Engineering (Class of 2016)
- Imperial College PhD Scholarship (2016 – 2020)
- Iberdrola Scholarship for Energy and Environment Postgraduate Studies (2014 – 2016)
- Undergraduate Scholarship sponsored by BSH Home Appliances Corporation (2013 – 2014)
- Scholarship for DTU CEE Summer School, sponsored by Mosek (June 2017)
- Member of several Honor Societies: Tau Beta Pi, Eta Kappa Nu and Golden Key.

Volunteering

- Chair of Events at IEEE PES Student Chapter (University of Maine) (2015 – 2016)
- Mentor for undergraduate students at Eta Kappa Nu (University of Maine) (2016)
- Research Project Mentor at Upward Bound, University of Maine (Summer 2015)
- Organiser of the International Student Orientation week, University of Maine (August 2015)
- Mentor for first-year and international students at University of Zaragoza (2012 – 2014)

Skills & Accomplishments

- **Programming**: MATLAB, C++, C, VHDL, Pascal, LaTeX.
- **Languages**: English (bilingual proficiency), Spanish (native speaker), French (high proficiency).
- Published 4 conference papers and 2 journal papers under review (see my ResearchGate profile).
- Strong mathematical and computing skills (see my GitHub).