Jurguen André Bermúdez Mora

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Experience

2019/08 – 2019/12   **Visiting Scholar**

Purdue University, School of Industrial Engineering
- Topic: Usefulness of classical and machine learning methods in the design of Hierarchical Forecasting Systems: A case study for monthly sales

2018/06 – 2018/12   **Research Assistant**

Costa Rica Institute of Technology, Vice-rectory of Research
- Reported results using visualizations and summaries, easy to understand for other scientists.

2017/02 – 2019/06   **Special Assistant in Financial Management Consultancy**

Presidency of the Costa Rica Institute of Technology
- Process mapping of the president resolutions and the exchange student program.
- Documentation and improvement of the process to apply to the exchange student program,

2016/10 – 2017/10   **President of the Industrial Production Students Association**

School of Industrial Production Engineering, Costa Rica Institute of Technology
- Organized talks, webinars, workshops with prominent industrialist.
- Helped to open certifications in CAD and statistical software.

Education

2015-2019   Industrial Production Engineering Licentiate degree

Costa Rica Institute of Technology
- Excelled in statistics, Business Process Modelling and Business Analytics

2013-2014   International Baccalaureate Diploma Programme

International Baccalaureate Organization, Liceo de Cariari

Certifications

Data Scientist Track with R (89 hours)
Data Camp

Customer, Operations, People, Accounting
Analytics
University of Pennsylvania on Coursera

Statistics for Genomic Data Science
Johns Hopkins University on Coursera

Technical skills

Programming languages   R (advanced application in data science and Business Intelligence), Python, SQL, Matlab

Statistical Software   Minitab(advanced), Microsoft Excel (advanced)

Simulation software   Arena (advanced)

Soft skills

- Critical thinking
- Problem solving
- Good team player
- Verbal and written communication

Hard Skills

- Time series analysis
- Machine learning
- Data visualization
- Business Analytics

Languages

- Spanish (Native speaker)
- English (Professional proficiency)
- German (Intermediate)

Honors & Awards

2018-2019   Honor Scholarship, academic excellence
Costa Rica Institute of Technology

2017-   Guest speaker at the Forum: Experiences in Industrial engineering: good practices
Institute of Industrial and System Engineers, Federated School of Engineers and Architects

2016-   Global ambassador of Costa Rica in the Harvard Model United Nations
Costa Rica Model United Nations, Harvard University