# Luiz Fernando Puttow Southier

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630 Vinte e Um de Abril
Pato Branco, PR, Brazil
85508-212

| EDUCATION | | |
|---|---|---|
| | **PHD in Informatics** | |
| | Pontifical Catholic University of Paraná, Curitiba, Brazil | |
| | Currently | |
| | **Master of Science in Electrical Engineering** | **GPA: 9.5/10.0** |
| | Federal University of Technology - Parana, Pato Branco, Brazil | |
| | 2019 | |
| | **Bachelor of Science in Computer Engineering** | **GPA: 8.6/10.0** |
| | Federal University of Technology - Parana, Pato Branco, Brazil | |
| | Graduation: June 2017 | |
| | **Scientific Mobility Program for Bachelor of Science in Computer Engineering** **Specialization in Web Design** | **GPA: 4.0** |
| | The Pennsylvania State University, University Park, PA | |
| | 2013 - 2014 | |
| | **Intensive English Communication Program** | **GPA 4.0** |
| | The Pennsylvania State University, University Park, PA | |
| | Fall 2013 | |

| EMPLOYMENT EXPERIENCE | | |
|---|---|---|
| | **Research Assistant, Advisor Marcelo Teixeira, Ph.D.** **Federal University of Technology - Parana, Pato Branco, Brazil** | *Sep 2017* *Aug 2019* |
| | Development of a web tool for public administration of the municipality of Vacaria Brazil | |
| | **Research Assistant, José Donizetti de Lima, Ph.D.** **Federal University of Technology - Parana, Pato Branco, Brazil** | *Mar 2015* *Jul 2017* |
| | Study and Research in Economic Feasibility of Investment Projects - SAVEPI | |
| | **Research Assistant, Dennis Shasha, Ph.D.** **New York University, NY, USA** | *May 2014* *Aug 2014* |
| | Development of a web tool for meal planning with linear programming | |
| | **Research Assistant, Teodora Pinheiro Figueroa, Ph.D.** **Federal University of Technology - Parana, Pato Branco, Brazil** | *Mar 2011* *Aug 2013* |
| | Study and Research in Applied Linear Algebra | |

| ACADEMIC EXPERIENCE | | |
|---|---|---|
| | Algorithms and Data Structures | Databases |
| | Artificial Intelligence | Distributed Systems |
| | Compilers | Embedded Systems |
| | Computer Architecture and Organization | Operational Systems |
| | Computer Graphics | Optimization |
| | Computer Networks | Software Engineering |
| | Control Systems | |

**SOFTWARE & LANGUAGE SKILLS**

| | | |
|---|---|---|
| C++ | PHP | Adobe Suite |
| CSS | Python | Corel Draw |
| HTML | MySql | Google Search |
| Java | SqlServer | Microsoft Office |
| JavaScript | Postgree | Simulink |
| MATLAB | | |

**INVOLVEMENT**

Instructor, Excel 2017-2019
Instructor, MatLab 2015-2019
President of Computer Engineering Students Body 2017
Member, Continuing education in Theater Workshop - Group Artificer 2011-2013
Member, Continuing education in English language 2011-2013
Instructor, Hypertext Markup Language 2012-2013
Instructor, Computer Graphics - Mathematical Foundations 2011-2012
Instructor, Integral Differential Calculus 2012 - 2013