

JUAN CARLO REBANAL

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Summary

I am currently a third-year, full-time student of electrical engineering at Ryerson University. I am eager to apply and develop my skills through new challenges. I am seeking opportunities in applied sciences/engineering, especially in research and development. I have knowledge of various programming languages and electronics design.

Technical Skills

Programming

- * Github with weather app for Android at <https://github.com/jcr179?tab=repositories>
- * Languages known: Python, C, Java, Bash scripting, HCS12 microprocessor assembly
- * Top 6% of users in number of problems solved on Project Euler

Electronics

- * Concept-level design of circuits and systems, interfacing with software/hardware
- * Amplifier design, simulation and construction

Education

B. Eng. Electrical Engineering Ryerson University 2014-2018
* CGPA: 4.05/4.33, Dean's list 2 years in a row

Academic Projects

Hardware-based network traffic analyzer Ryerson University May 2016-Present
* Researched signal theory and networking fundamentals
* Developed innovative and accurate method of physical-level analysis

Multi-stage BJT amplifier design Ryerson University February-April
2018
* Designed all three stages of a BJT amplifier circuit with hand analysis, simulated with Multisim
* Constructed circuit and confirmed its effectiveness using oscilloscopes and function generator

Experience

Research Assistant Ryerson University May 2016-Present
* Researched and developed hardware-based network traffic analyzer mentioned above

Certified Bell Sales Representative The Source by Bell Aug 2014-Jan 2015
* Developed comprehensive product knowledge base to best assist customers with purchases
* Regularly performed managerial duties such as participating in weekly meetings
* Trained staff in knowledge and practices of the workplace

Extracurricular

Vice Executive of Electrical Team Ryerson Solar Car Team July 2015-Present
* Lead of design of car's battery system
* Coordinates other electrical team members to ensure all duties are complete

References are available upon request.