



Nicolas Pirson

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Work: KU Leuven - EnergyVille Thorpark 8310, 3600 Genk (Belgium)

WORK EXPERIENCE

Student job power electronics research

KU Leuven - EnergyVille [24/07/2023 – 08/09/2023]

Address: Naamsestraat 22, 3000 Leuven (Belgium)

Business or sector: Professional, scientific and technical activities

Designing and testing electronic circuits employing GaN HV HEMTs.

EDUCATION AND TRAINING

PhD

KU Leuven [01/11/2023 – Current]

Address: Naamsestraat 22, 3600 Leuven (Belgium)

Website: <https://www.kuleuven.be/kuleuven/>

Field(s) of study: Engineering, manufacturing and construction: *Electricity and energy, Electronics and automation*

Thesis: GaN HEMT Applications

Designing and testing electronic power circuits employing GaN HV HEMTs.

Master of Electronics and ICT Engineering Technology (Master of Science: MSc)

KU Leuven [26/09/2022 – 07/07/2023]

Address: Naamsestraat 22, 3000 Leuven (Belgium)

Website: <https://www.kuleuven.be/kuleuven/>

Field(s) of study: Engineering, manufacturing and construction: *Inter-disciplinary programmes and qualifications involving engineering, manufacturing and construction*

Final grade: Magna cum laude

Type of credits: ECTS – **Number of credits:** 60

Thesis: Cybersickness detection in VR by means of physiological data: Effects of 6 DoF motion on CS in VR Environments

Link: https://www.youtube.com/watch?v=7GDF_zeiiZ4

Option Intelligent electronics

Power electronics course

R&D experience: Development of a tangible game CookT leading to a published paper (DOI: 10.1145/3573382.3616054)

Bachelor of Engineering Technology (Bachelor of Science: BSc)

KU Leuven [23/09/2019 – 16/09/2022]

Address: Naamsestraat 22, 3000 Leuven (Belgium)

Website: <https://www.kuleuven.be/kuleuven/>

Field(s) of study: Engineering, manufacturing and construction: *Inter-disciplinary programmes and qualifications involving engineering, manufacturing and construction*

Final grade: Cum fructu

Type of credits: ECTS – **Number of credits:** 180

Thesis: Development of a bluetooth Boombox

Specialisation Electronics & ICT
PCB design for multiple projects.

LANGUAGE SKILLS

Mother tongue(s): **Dutch** | **French**

Other language(s):

English

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

Spanish

LISTENING A2 READING B1 WRITING A1

SPOKEN PRODUCTION A2 SPOKEN INTERACTION A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user