NATHAN SENNESAEL

ENGINEER

STRATEGIST, FUTURIST, LOGICIAN

Belgium, Ghent 9000, Heernislaan 67
+32 468 43 30 22
nathan.sennesael@hotmail.com

May 14, 1997 (21 y/o)

OBJECTIVE

Obtaining a summer internship allowing me to apply the skills that I developed during my education while gaining experience in the working field and earning extra credits for my academic curriculum.

EDUCATION

High school: Industrial Sciences (STEM) | EDUGO Campus Glorieux

2011 – 2015

- Final year project: Merging RGB lasers into white laser light using optical fibers
- Received Awards: Highest Total Grades in School, Best Math Grades
- Excelled in: Physics, Mathematics, Chemistry, Theoretical and Applied Mechanics

Bachelor of Science in Engineering Physics | Ghent University

2015 – 2018

- The fundamental science, physics, lays a foundation for my further scientific career
- Honors for final year project: Laser beam steering using liquid crystals
- Excelled in: Statistics & Probability, Programming, Physics, Chemistry, Engineering Projects

Master of Science in Biomedical Engineering | Ghent University, EPFL, VUB

2018 – 2020

- Expanding my knowledge to the field of Human Anatomy and Physiology
- Learning to apply my acquired engineering skills to the medical field
- Eligible for Erasmus scholarship to EPFL, Lausanne Switzerland

ADDITIONAL SKILLS

Computer skills: Maple, MATLAB, JavaScript, SolidWorks, Audacity, OpenShot, Photoshop, LaTeX

- Fluent in Dutch, English & French
- Handy with computers (built my own)
- Teaching and public speaking
- Sound, Image & Video editing

EXPERIENCES

- Thought a math course in high school for several weeks.
- Developed a nostril drug delivery device with a friend who studies pharmaceuticals for his father-in-law who owns a medical company.
- Designed/optimized internal structures for porous 3D printable orthopedic implants.
- Did numerous programming projects in MATLAB, Maple & JavaScript for data processing and mathematical modeling. One of my favorite: Wrote code that uses card counting and probabilistic calculations to determine the perfect blackjack move.