

# KILLIAN STORM

## Computer Science Engineer

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## WHO AM I

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I am a entrepreneurial minded and driven 24-year-old Computer Science Engineer who never refuses a great challenge from which I can improve myself. I have good communication skills and I am very social, flexible and a big team player.

My true passion lies in **robotics**, along with any domain of **information security** and **biomedical technology**. I strive to combine the best of these technologies.

Beside my technological capabilities I am also very captivated by the whole process of start-ups.

## EXPERIENCE

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### Long Term Innovation Robotics Engineer

#### The EEVE Order

📅 July 2021 – Present

- Only engineer working on the development of the Willow X robotic arms
- I am responsible for each and every step of the complete product development. Specifically:
  - The research
  - The mechanical design
  - The electrical design
  - The trajectory planning
  - The control software
- Prototype video: [https://www.youtube.com/watch?v=\\_YFnGR4oU8](https://www.youtube.com/watch?v=_YFnGR4oU8)

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### Guest Professor

#### Vives University College

📅 September 2020 – Present

- Subjects in Android, databases, computer networking, design patterns,...
- Taught courses for Bachelor Applied Informatics and Bachelor Electronics/ICT.

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### Head-Animator and head-instructor

#### Joetz vzw

📅 April 2012 – Present

- Coordination and guidance of summer camps for kids (30-50 children).
- Instructor for apprentice animators who want to earn their certification.
- These experiences taught me about team work and coordination.

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### Software Designer TPVision

#### TPVision

📅 July 2016 - July 2018

- Student summer job.
- Developed software for new technologies in the Signage industry. The programs are still in use today.

# EDUCATION

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## Master of Science in Computer Science Engineering (ir.)

UGent

📅 2018 – 2020

📍 Ghent

- With distinction.
  - Elective courses focused on robotics.
  - Researched the design and control of a simulated anthropomorphic finger as thesis subject.
  - Reference: <https://github.com/killianstorm/simulated-anthropomorphic-finger>
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## Master of Science in Innovation and Research

UPC

📅 2019 – 2020

📍 Barcelona

- Erasmus exchange
  - Elective courses in machine learning and high performance computing
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## Bachelor of Science in Computer Science

UGent

📅 2015 – 2018

📍 Ghent

- Minor in Electrical Engineering and Telecommunication
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# PROJECTS

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## Storm Industries

Personal

📅 2014 – Present

- Project focused on the development of tele-operated anthropomorphic robotic hands.
  - Several control methods are currently possible: resistive sensor glove, IMU sensor glove and Leap Motion.
  - Created first prototype at the **age of 17**. Still highly under development.
  - Reference: <https://www.facebook.com/Stormrobotics>
  - Used technologies: differentiable programming, mathematical modeling, neural networks, 3D design and printing
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## Online Voting Platform

UGent

📅 2019

- Invented, developed and analyzed an advanced online election platform for the Information Security course.
  - Received highest distinction for both the project and the course.
  - Used technologies: Hardware Security Module (HSM), encryption
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## The Black Sun

UGent

📅 2019

- Developed a Unity3D application for creating 3D drone formations.
  - This was done with a team of 7 members.
  - Used technologies: Unity3D / Crazyflie / Kinect
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## Pizza Delivery Bot

UGent

📅 2018

- Made a TurtleBot Burger deliver small pizzas to persons sitting at a table.
  - Modified an existing SLAM algorithm to navigate.
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