

# Liam Kennelly

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**Objective:** First Class Honours (1:1) Mechatronics Engineering Graduate and experienced Security Systems Engineer actively seeking a new Engineer or Technical role.

## **Personal Statement**

- Security Systems Engineer with strong understanding of Electrical circuits and systems
- Experienced in problem solving and troubleshooting.
- Mechatronics Engineering Graduate (1:1) with a strong work ethic and eagerness to learn new skills.
- Significant experience on Job sites throughout the Dublin, Ireland and Toronto, Canada Regions.
- Proficient PLC programmer having experience with Allen-Bradley, Omron, and Mitsubishi systems.

## **Professional Experience**

### **Security Systems Engineer, Gallant Security Systems – Dublin Ireland**

**June 2019 – Present**

- Installed, commissioned, and serviced Access Control, Intruder Alarm and CCTV Systems
  - ACT, Vanderbilt, HKC, Hikvision
- Integrated FIRE I/O and Safety Equipment into control systems
- IT and network management included setting up systems and devices
- Communicated with Contractors, Construction Managers, Site Supervisors, and architects
- Supervised a small team

### **Control Systems Integrator, Kencas Controls - Toronto, ON Canada**

**Sept 2013 – Sept 2018**

- Installed and serviced High Rise Automation Control Systems
- Integrated Access Control Systems and Devices (i.e. Security Alarms, Access Control, C.C.T.V., Automatic Sliding doors, Electromagnetic Locks and Enterphone systems, fire monitoring, etc.)
  - Tyco Security, Kantech, DSC, HikVision, FLIR, Northern, +++
  - Elevator Access Control Integration with KONE Elevators
- Communicated with Clients, Contractors, Construction Managers, Designers and Estimators
- Supervised a small team
- Operated Aerial Lifts and Power Tools
- Promoted and sold security system upgrades

### **General Labour, All Service Auto Centre – Schomberg, ON Canada**

**Jan 2013 – Jul 2013**

- Communicated with customers and mechanics
- Gained Experience in troubleshooting and discovering the source of automotive issues

## **Relevant Experience / Information**

- Full Drivers License
- SOLAS Safe Pass, Manual Handling
- Tyco Security – Kantech Entrapass - Corporate Level Training– Access Control Certification
- Currently taking a Linux Administration Course Online

## **Education**

### **Bachelor of Engineering (HONOURS) – Mechatronic Engineering**

**Sept 2018 – May 2020**

#### **TU Dublin - Blanchardstown**

- Recently Graduate Level 8 with First Class Honours (1:1)
- Graduated level 7 course with First Class Honours (1.1)
- Completed courses in:
  - Mechanics, Electrical Power, Automation, Design, Signals and Transforms,
  - Computer Networks, Industrial Engineering, Signals & systems analysis, Quality systems
  - Completed Level 7 Year Long project and report in Automatic Gate Control
  - Software Design, Embedded Systems, Control Systems
  - Industrial Robotics and Vision Inspection, Industrial Networks and Distributed Systems,
  - Mechanics and Materials
  - Final Year Project: Remote Beehive Monitoring Control System
    - IOT / Mobile App / Cloud Application / Sensor Data Acquisition

### **Advanced Diploma (HONS) - Electromechanical Engineering Technology**

**Sept 2015 – Apr 2018**

#### **Humber College - Toronto, ON Canada**

Graduated the program with Honours and took courses in:

- Robotics (Experience with Kuka, Fanuc, Motoman, Panasonic)
- PLC Programming (Allen Bradley, Omron)
- Automated Manufacturing Processes, Programming (C++, Visual Basics)
- Control Systems, Mechatronics, Hydraulics, Pneumatics, Workshop Practices, Welding
- Computer Programming and Micro-Based Automation and more
- PLC Programmer, HMI Integrator, Electrical Lead and Mechanical Assistant on third year Capstone Project – Automatic Beer Bottle Filling and Capping System

### **Interests / Hobbies**

#### **Sport**

- Rugby with St. Mary's Rugby Football Club in Templeogue, Dublin
- Won a Provincial Under 18 Rugby championship with Aurora Barbarians RFC in Ontario, Canada.
- Played Ice Hockey with Schomberg Minor Hockey Association and was Team Captain

#### **Automotive & Motorcycles / Mechanical**

- Upgraded, modified, serviced motorcycles and cars
- Turbo Charger System Installs, In car entertainment upgrades, suspension and brake changes etc.

## **References**

### **Gerard Duke**

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TU Dublin – Blanchardstown  
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### **Thomas Boyle**

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