



# VALENTINO RICHARD ILOT

APPLIED COMPUTER  
SCIENCE STUDENT

## CONTACT ME

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Kamelenspoor 58  
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## SKILLS

C, Java, Python, MATLAB, Databases,  
 HDL, UML, V-Model, Scrum

## TOOL SKILLS

Microsoft Office Word, Microsoft  
 Office PowerPoint, Microsoft Office  
 Excel, SQLite, MySQL, Maven, Git,  
 Adobe Photoshop, Arduino IDE,  
 Microsoft Visual Studio Code, IntelliJ  
 IDEA, CLion, Code::Blocks, Intel  
 Quartus II, Windows 10, MacOS,  
 Raspbian, Linux

## PERSONAL BACKGROUND

I am a second-year applied computer science student in Saxion University of Applied Sciences. Originally from Bali, Indonesia. I have keen interest in learning data engineering, robotics, vision, embedded system, and software development. Other than those, I have broad interest in the field of computer science, computer engineering, physics, history and science in general.

## ACADEMIC BACKGROUND

### Bachelor of Science in Applied Computer Science

*Saxion University of Applied Sciences | 2019 - 2023*

Course work:

Year 1: Digital, Hardware Lab, Algebraic Abilities, Programming 1, Electric Circuit DC, Measurement DC, Project Software, Trigonometry & Complex Numbers, Programming 2, Electric Circuit AC, Measurement AC, Project System, Differentiation & Integration, Java 1 & 2, Differentiation Equation & Laplace, UML Software Design, Personal Professional Development 1.

Year 2: Mathematical Modelling, Databases, Project Software Engineering, HDL, Microcontroller 1 (on going)

### Indonesian High School Diploma in Natural Sciences

*Soverdi Catholic High School | 2015 - 2018*

- Vice President, Student Council
- Information and Technology Member, Student Council
- Vice President, Plastic Waste Management Club
- Member, Plastic Waste Management Club
- Member, Swimming Team

## INTERESTS

Reading books (sci-fi, self-help, fiction, mystery, (auto)biography), Basketball, Swimming, Coffee, Quirky gadgets

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## LANGUAGE SKILLS

- **INDONESIAN** - Native proficiency
- **ENGLISH** - Professional working proficiency
- **DUTCH** - Elementary proficiency

## PERSONAL SKILLS

- Studious
- Curious
- Conscientious
- Accommodating
- Team-player
- Tolerant
- Advocate
- Listener

## PROJECTS

- **Project Integration** (Saxion University of Applied Sciences - February 2021)  
Developed a medical alert system for hospital environment to assist patient monitoring process, using a self-developed devices and third-party smart speaker (Amazon Echo Dot). This project is still on-going until the end of study year 2021.
- **International Project Week 2020** (Saxion University of Applied Sciences - January 2021)  
Produced a concept solution for United Nations' Sustainable Development Goals (SDG) topic 10 about reduced inequalities.
- **Project Software Engineering** (Saxion University of Applied Sciences - September 2020)  
Developed a Windows 10 weather app by fetching the data from LoRA weather station. This project is maintained with Scrum method. This project uses Java as the app language, Maven as the build system, and GitHub as the version control.
- **Project System** (Saxion University of Applied Sciences - February 2020)  
Modified a RC race car to be fully autonomous by following a line with microcontroller Arduino UNO and third-party modules. This project is maintained with V-model method. Due to COVID-19 situation, the project is stopped until technical design.
- **International Project Week 2019** (Saxion University of Applied Sciences - January 2020)  
Produced a concept solution for start-up, Weirdly Wired, tackling the hardware and software problems.
- **Project Software** (Saxion University of Applied Sciences - November 2019)  
Developed a digital safe with microcontroller Arduino UNO. This project is maintained with V-model method.