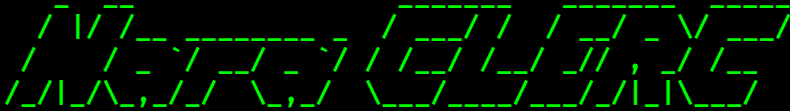


> cv nara.clerc --pronouns she/her --age 25 --linkedin /in/naraclerc --github @Minauras



Rue de Lausanne 75, 1020 Renens
nara.clerc@gmail.com
+41 77 415 25 21

> Professional Experience

- *
 - Embedded Software Engineer [Oratek Sàrl](#) Sep. 2021 - Today
Developing and maintaining firmware mainly in C and Python for various custom µController systems and Linux µComputers
 - MSc Project and Research Intern [Idiap Research Institute](#) Sep. 2020 - May 2021
Researching and developing an ML-based embedded system for digital holography with scientific camera and NVIDIA Jetson Nano
 - Embedded Software Intern [Sigfox SA, France](#) Feb. 2020 - Sep. 2020
Developing an end-to-end solution to gather data and pictures of birds in a Sigfox connected bird nest on custom electronics
 - Research Assistant [Embedded Systems Lab, EPFL](#) Feb. 2019 - Jun. 2019
Maintaining software for an embedded camera in a coffee machine
 - Research and Development Intern [REACT Group, EPFL](#) Jul. 2018 - Aug. 2018
Developing electronics and software for a motorized luggage trolley

> Education

- *
 - EPFL - Ecole Polytechnique Fédérale de Lausanne
 - MSc in Electrical Engineering, specialization in Internet of Things Obtained in 2021
 - BSc in Electrical Engineering Obtained in 2018
 - Gymnase du Bugnon, Lausanne
 - Swiss Matura Diploma in Physics and Applied Mathematics Obtained in 2015

> Academic projects

- *
 - Road Segmentation → [github](#) 2019
An image segmentation project comparing the performance of two ML models
 - Lockbreaker → [github](#) 2019
A two-player asymmetric cooperative puzzle game for Samsung Tablet and Smartwatch
 - Dance It Out! 2018
A multiplayer competitive rhythm game for Nintendo DS gaming console
↳ Awarded the 2018 Texas Instruments Student Prize

> Skills

→Languages	C	C++	Python	Bash	
→SW Platforms	Linux	Debian	Docker	Balena	Git
→HW Platforms	STM32	Atmel	RP2040	Raspberry Pi CM4	NVIDIA Jetson Nano
→Machine Learning	PyTorch	Tensorflow	sklearn	CUDA	

> Languages & Interests

[French [████████████████████] 100% English [████████████████████] 100% German [██████████] 50%]			[🎵Music Production & Composing🎵 {Programming} !Board Games & Quizzes! -Hobby Electronics- *Geography*]		
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> npx matrix-rain

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      H      t      u  AT  )      G :      .  >      d      > } | 5      &      +  2      R      C      b      V      1
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      y G      '      n      O      +      t      '      @      3 &      H      m      ]      _k      P      `      |      ;      "      .
B      u      C      J      x      '      #      "      F      [      ?      b      `      8n      1      0 %      `      '      y
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