



YEREVAN, NOR NORK 7TH DIST.,
KARAKHANYAN 33, H.8



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SERGO.HARUTYUNYAN29
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SERGO@SYNOPTYS.COM

PERSONAL INFORMATION

Birth date

- 29.02.2000

Citizenship

- Republic of Armenia

Passport

- AP 0427415

Family status

SINGLE

HARUTYUNYAN SERGO

WORK EXPERIENCE

SYNOPTYS ARMENIA EDUCATIONAL DEPARTMENT (SAED) /

INTERN IN SWG

08.01.2019 – 01.08.2019

Responsibilities

- Schematic and layout design and verification of SRAM

SYNOPTYS ARMENIA INC./ ANALOG AND MIXED SIGNAL IC

DESIGN ENGINEER I

01.08.2019 – 01.11.2021

SYNOPTYS ARMENIA INC./ ANALOG AND MIXED SIGNAL IC

DESIGN ENGINEER II

01.11.2021 – till now

Responsibilities

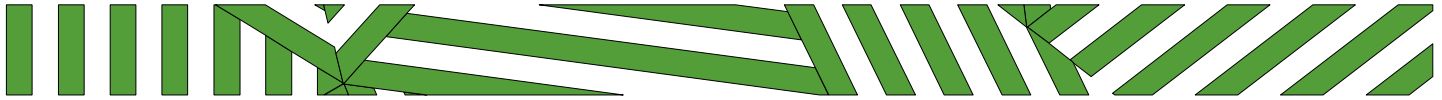
- Schematic design and verification parts of USB, HDMI and AUX protocols

POLYTECH HIGH SCHOOL

01.09.2021 – till now

Responsibilities

- Teach microelectronics
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SKILLS

Languages

- Armenian-native
- English-good
- Russian-good

Programing languages

- C ++ (Basic)
- Computer skills
- Synopsys Tools

Computer skills

- MS Office
- Internet

Other skills

- Circuit Design and Analysis
- Algorithmic thinking

INTERESTS

- IC Design
- Electronics
- Programing
- Mathematics
- Nanotechnologies
- Innovative technologies
- Robotics

EDUCATION

UNIVERSITY / 2016 – 2020

National polytechnic university of Armenia
(bachelor)

Faculty

- Synopsys Armenia Educational Department (2018 - 2020)
- Profession
- IC Design

UNIVERSITY / 2020 – 2022

National polytechnic university of Armenia
(master)

Faculty

- Synopsys Armenia Educational Department (2020 - 2022)
- Profession
- IC Design

VOLUNTEER EXPERIENCE OR LEADERSHIP

VOLUNTEER / «AGN FOREVER PARTNERS» LTD

01.06.2015 - 01.09.2015

Activity

- Charge printer cartridges
- Remake printers and cartridges
 - Remake computers
- Explore computer programs





ADDITIONAL INFORMATION

PUBLISHED ARTICLES

- Two Stage CTLE For High Speed Data Receiving, Proceedings of IEEE 40th International Conference on Electronics and Nanotechnology (ELNANO), Kyiv, Ukraine, 2020
- A Low Dropout Voltage Regulator with Higher than Supply Output Voltage and Load Based Frequency Control System, Proceedings of IEEE 40th International Conference on Electronics and Nanotechnology (ELNANO), Kyiv, Ukraine, 2020
- IO Glitch Filter, Proceedings of IEEE 40th International Conference on Electronics and Nanotechnology (ELNANO), Kyiv, Ukraine, 2020
- Reliable PMOS Based Charge Pump Architecture, Proceedings of NAS RA and NPUA, Series of Technical Sciences, Yerevan, Armenia, 2020

PARTICIPATION IN CONFERENCES

- 2020 IEEE 40th International Conference on Electronics and Nanotechnology (ELNANO)

