L/P
Luigi Pizzolito

Curriculum Vitae
Luigi Gonçalves Pizzolito

PROFILE
A highly passionate high-school student who is meticulous and enthusiastic about applying what he learns to solve problems with innovative solutions.

OBJECTIVE
After high school I am looking to pursue electronics engineering. I am also interested in similar areas such as computer engineering, software engineering and artificial intelligence. I hope to work in the electronics industry and to continue developing my own projects.

LEADERSHIP
I led activities, such as project invent which is a product development team, tech crew which does tech during theatre productions and other theatrical events, and video review which records all school events with retrospective videos.

PERSONAL
Gender: *Male*
Nationality: *Brazilian*
Birth: [redacted]*/2003*
Languages: *English and Portuguese fluent, French(B2), Chinese(basic).*

PHONE NUMBER
+86 [redacted]

EMAIL ADDRESS
[redacted]

WEBSITE
luigipizzolito.com

SOCIAL MEDIA
GitHub: *Luigi-Pizzolito*
Instructables: *Luigi Pizzolito*
LinkedIn: *Luigi Pizzolito*
Twitter: *@Luigi_Pizzolito*
Instagram: *luigi.pizzolito*

WORK EXPERIENCE

06/05/19 to 10/05/19 – 40 hours – Revisited on multiple occasions since ~16 hours.
Hard-/Software Intern • KITA Technologies • Nanjing, China
Internship developing artificial intelligence computer vision and hardware control software for autonomous robots for guided service and ATV surveillance. Worked w/ *PhD Ryad Chellali* and his R&D team.

I visited the Bosch brake-pad & spark-plug plant (01/11/19) and took part in innovation workshops in B/S/H home appliances (04/06/18) and Ford Motor vehicles (25/08/17).

EDUCATION

Nanjing International School, Nanjing, China/Jiangsu
G3-G12 • International Baccalaureate DP - MYP - PYP • CAS - EE - PP

Significant Projects:

- IB DP Extended Essay – *Electrohydrodynamic Plasma Thrusters*
  I researched solid-state space propulsion systems, created an ion thruster, and modelled the effects of certain parameters on thrust and efficiency.
- IB MYP G10 Personal Project – *Internet of Things*
  In my personal project I explored how Internet of Things impacts the home by creating, designing, and prototyping 5 devices plus a setup system myself.

AWARDS & CERTIFICATES

Academic (title – year/semester)

- G10 Blumenberg Award – 19
  Highest achieving point score in G10(inc. PP)
- Director's Roll – 19, 18, 17, 16S2
  Principal's roll for 2 consecutive semesters.
- Principal's Roll – 20S2, 16S1
  At least 55/63 points in MYP or 39/42 in DP.
- Academic Roll – 20S1, 15
  At least 50/63 points in MYP or 36/42 in DP.

Extra-Curricular

- Koerschen Award for Innovation 2020 – ACAMIS
  Competition of international schools in China for a grant. Won for pursuing of an electronic anger management system with a team which I led: Project Invent.
- Charity Service – Pfrang 19
- Service Award – NIS 19

VOLUNTEER SERVICE & ACTIVITIES

- Theatre Crew – 17-21
- Video Review – 18-20
- Project Invent – 20-21
- Advanced Orchestra – 19-21
- Writer's Club Coach – 20-21
- Student Council – 18-20

ENGINEERING AND INTERESTS

Electronics

- Built my laboratory since 2014, inc. 3D printer & etching PCB.
- Experience with AVR µC, IoT, analog and digital circuit design.

Software

- Projects with HTML/JS/CSS web development, AVR-C, C++, Node.js, Docker and Linux.
- Coded my own website.

I also have other interests and hobbies in bass playing, theatre sound/light design, gaffer, motion graphics and videography.

PUBLIC SPEAKING

- *The Usefulness of Useless Ideas* – Student-run Teacher Workshop – Learning 2.0 Conference – 18/10/19
- *Learning to Make & Making to Learn* – TEDx Talk – 09/03/19 – http://youtu.be/l2VvFcmfkrI