

Vinicius K. Q. Tanigawa

São Paulo, SP, Brazil | +5511942549986 | vktanigawa@gmail.com | <https://quitakavatanigawa.com>

ABOUT

Major in electrical engineering, minor in telecommunication at Polytechnic School of University of São Paulo. I am a blood and bone marrow donor, also a volunteer in many projects, events and entities. Currently, pursuing knowledge in IT area: blockchain, cybersecurity and programming.

EDUCATION

Polytechnic School of University of São Paulo

BEng. Major in Electrical Engineering, Minor in Telecommunications (currently)

São Paulo, SP, BR

Graduation Date: Dec 2027

Federal University of São Carlos

BEng. Electrical Engineering (not finished - 2 years)

São Carlos, SP, BR

Graduation Date: Mar 2022

WORK EXPERIENCE

BTG Pactual

Software Engineer

São Paulo, SP, BR

Jan 2022 - Apr 2022

- Implemented dashboards to a BTG software using React and C#.
- Helped with the transition of on-premise features to AWS (cloud).

UNIVERSITY EXTENSION PROJECT

Keep Flying

Aircraft Performance; Electrical Project

São Paulo, SP, BR

Apr 2022 - Present

- Responsible to project and develop the telemetry and flight data acquisition, using a Pixhawk 4 and other sensors.
- Responsible for a method to measure battery discharge using Arduino and innovation.
- Developed a program in Julia which create and simulate an aircraft.
- Captain of Keep Flying Jr. in 2022 and speaker in 24^a SAE Brazil Aerodesign Competition oral presentation.
- Speaker in 25^a SAE Brazil Aerodesign Competition oral presentation.
- Responsible for administrating the financial aid from Amigos da Poli.
- Manufactured an aircraft.

Dragão Branco Aerodesign

Electrical Project; Administrative Director

São Carlos, SP, BR

May 2020 - Mar 2022

- Responsible to implement the first safety assessment topic in Electrical Project.
- Granted the first electrical motor and ESC for the team, donated by a north american company.
- Coordinated the administrative area of the team, based in 3 units: logistics, marketing and fund-raising. Also was responsible to find new supporters and control the cash flow.
- Speaker in 23^a SAE Brazil Aerodesign Competition oral presentation.
- Created and developed the team's website.
- Coordinated an event "II Jornada Dragão Branco", with the objective to share knowledge about aerodesign and aeronautics.

RESEARCH PROJECT

Polytechnic School of University of São Paulo

System for Curing Resin Carbon Parts

São Paulo, SP, BR

Aug 2023 - Present

- Heating through the Joule effect, increasing its efficiency.
- Autonomous temperature control via Raspberry Pi, temperature and power sensors.
- Participation in the 31st SIICUSP.

CERTIFICATIONS

C1 Advanced by Cambridge English

VOLUNTEERING

Toyo Matsuri (Orient Festival)

Backstage Suporter

São Paulo, SP, BR

Dec 2023 - Dec 2023

- Helped controlling the access of the artists.
- Helped with distribution of supplies.

Sakura Matsuri (Cherry Blossom Festival)

Central Volunteer

- Helped with cherry blossom saplings selling.
- Helped with the disassembling of the tents.

São Paulo, SP, BR

Aug 2023 - Aug 2023

World Youth Day - Lisboa

Security

- Helped controlling the entrance.
- Helped guiding pilgrims.
- Helped securing the Pope's way.

Lisbon, LIS, PT

Jul 2023 - Aug 2023

Tanabata Matsuri (Star Festival)

Backstage Suporter

- Helped controlling the access of the artists.
- Helped with the stage song.

São Paulo, SP, BR

Jul 2023 - Jul 2023

Nihon Matsuri (Japan Festival)

Organization Committee Suporter

- Coordinated the manufacturing of Tanabata.
- Coordinated the Exhibitor Service Center.
- Coordinated volunteers.

São Paulo, SP, BR

Jun 2023 - Jul 2023

Nihon Matsuri (Japan Festival)

Organization Committee Suporter

- Helped with logistics and distribution of supplies.
- Coordinated the Exhibitor Service Center.
- Coordinated volunteers.

São Paulo, SP, BR

Jun 2022 - Jul 2022