

# Vinicius K. Q. Tanigawa

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## ABOUT

Passionate electrical engineering student with a focus on cybersecurity. **Certified in Cybersecurity (ISC<sup>2</sup>)** and pursuing advanced training through the **Certified Cybersecurity Technician** course by EC-Council. Eager to leverage my technical skills and knowledge in a challenging cybersecurity role. For more information, check my website: <https://www.quitakavatanigawa.com.br/>

## 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 **ReactJS** and **C#**.
- Helped with the transition of on-premise features to **AWS**.

## CERTIFICATION AND COURSES

### ISC<sup>2</sup>

*Certified in Cybersecurity (CC)*

São Paulo, SP, BR

May 2024 - May 2027

- Access Control Concepts
- Business Continuity (BC) Concepts
- Disaster Recovery (DR) Concepts
- Incident Response Concepts
- Network Security
- Security Operations
- Security Principles

### ITARC

*Pilot UAS PRO*

Ubatuba, SP, BR

Nov 2023 - Finish Date

- Brazilian legislation about drone usage.
- Piloting practice.

### Cambridge English

*C1 Advanced*

São Paulo, SP, BR

Aug 2021 - Finish Date

- Grade C
- Overall score: 181

## UNIVERSITY EXTENSION PROJECT

### Keep Flying

*Aircraft Performance; Electrical Project*

São Paulo, SP, BR

Apr 2022 - Present

- Responsible for the design and development of the **flight data acquisition system** and **telemetry**.
- Development of programs in **Julia / Python** for **aeronautical simulation**.

### Dragão Branco Aerodesign

*Electrical Project; Administrative Director*

São Carlos, SP, BR

May 2020 - Mar 2022

- Responsible for **pioneering the implementation of the "safety assessment" topic** in the Electrical Project report.
- Responsible for **acquiring the first electric propulsion system** for the team, donated by a North American company, saving more than **US\$ 120,00**.

- **Coordination of the team's administrative area**, based on 3 areas: logistics, marketing, and fundraising.
- Responsible for new partnerships and **cash flow management**, leaving the account balance with a **surplus of over 500%**.

## RESEARCH PROJECT

**Polytechnic School of University of São Paulo**

**São Paulo, SP, BR**

*System for Curing Resin Carbon Parts*

*Aug 2023 - Present*

- Researched the heating through the Joule effect, increasing **heating efficiency** and **energy usage**, resulting in a **60% decrease** in energy expenditure.
- **Publication in the international journal "Journal of Engineering Research (ISSN 2764-1317)."** DOI: <https://doi.org/10.22533/at.ed.3174112412044>
- **Participation in the 31st International Symposium on Scientific and Technological Initiation of the University of São Paulo (SIICUSP).** YouTube link: <https://youtu.be/Ve6LjV3ikoo>

## VOLUNTEERING

**Nihon Matsuri (Japan Festival)**

**São Paulo, SP, BR**

*Organization Committee Suporter*

*Jun 2022 - Jul 2024*

- Developed **automation software** in **Python** for volunteer ID QR Code generation, resulting in a **90% reduction** in the processing and registration time.
- Helped with logistics and distribution of supplies.
- Coordinated the Exhibitor Service Center.
- Coordinated volunteers.

**World Youth Day - Lisboa**

**Lisbon, LIS, PT**

*Security*

*Jul 2023 - Aug 2023*

- Helped control the entrance.
- Helped guide pilgrims.
- Helped secure the Pope's way.