

ROEL-JUNIOR ALEJO VIERNES

Computer Science BSc (Hons) Graduate

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PERSONAL STATEMENT

Creative technologist and Computer Science graduate specialising in social-first storytelling, UGC short-form video and community engagement. I blend hands-on experience as a Faculty Social Media Assistant with a strong grounding in HCI to create content that is both highly engaging and insight-led.

I own the full creative lifecycle with my projects: from spotting cultural trends and platform-native ideation to filming, high-fidelity editing, and community management. I specialize in translating complex concepts into 'thumb-stopping' short-form content that bridges the gap between technical innovation and audience engagement.

PROJECTS

HandTyper - Real-Time Gesture Recognition System

- Developed a real-time gesture recognition system (Python/OpenCV) to translate BSL into PC inputs. This project focused on Human-Computer Interaction, exploring how users can engage with digital interfaces beyond traditional methods—a perspective I apply to creating platform-native social content.
- The system utilized machine learning algorithms to accurately interpret various hand gestures and British Sign Language (BSL), providing an innovative solution for accessibility and human-computer interaction.

University Open Day Guides w/ NFC Tags

- To assist prospective students during the University Open Days whilst upholding the university's commitment to sustainability. I introduced a new interaction framework where staff members would have NFC tags linking towards a digital guide for the University and the relevant event.
- This reduced the need for printed materials and allowed for easy access to information via smartphones whilst also providing a modern and interactive experience for visitors.

University Events (Open Day + Outreach)

- I have also participated and assisted in the organisation, running and the marketing of various University and Faculty events including Open Days and Outreach programs. During these events, I took on roles such as guiding prospective students, providing information about courses and campus life, and assisting with event logistics.
- My involvement in these events has helped me develop strong communication and interpersonal skills, as well as a deeper understanding of the university's offerings and student needs.

EDUCATION

Computer Science BSc (Hons) - 2:1

University Of Greenwich

Sep 22 – Jul 25 Greenwich, London

- Modules inc. Human-Computer Interaction, Machine Learning, Applications of AI, Software Engineering, Data Structures and Algorithms, Advanced Programming, Operating Systems etc.

A Level

University of Kent Academies Trust

Sep 20 – Jun 22 Gillingham, Kent

- Subjects: Information Technology (D*), Business Studies (D*), Finance (BB)
- 152 UCAS points

GCSE

Brompton Academy

Sep 15 – Jul 20 Gillingham, Kent

INTERESTS

Technical

- Human Computer Interaction
- Cloud Computing
- Hardware Engineering
- Machine Learning
- Video Editing

Hobbies

- Content Creation / Social Media
- Music
- Traveling
- Gaming

VOLUNTEERING

Society President

comptech.gre (Greenwich Students Union)

Sep 24 - Jul 25 Greenwich, London

Programme Representative

Greenwich Students Union

Sep 23 - Jul 24 Greenwich, London

LANGUAGES

English
Tagalog/Filipino
Spanish



EXPERIENCE

Faculty Social Media Assistant

University of Greenwich

📅 June 2023 - Oct 2025 📍 Greenwich, London

- **Multidisciplinary Production:** Managed the full lifecycle of technical video content for the Faculty of Engineering & Science, introducing new concepts for video ideas based off current social media trends and bridging the gap between deep-tech research and user-facing digital storytelling.
- **Stakeholder Management:** Partnered with Professors and Researchers to storyboard and render accessible content for major university campaigns.
- **Brand Growth:** Owned social media channel management for the faculty, increasing publication frequency through streamlined content workflows.
- **Key Achievement: 2024/25 Clearing Campaigns:**
- Spearheaded the short-form video strategy, producing testimonials and facility showcases that drove audience engagement across faculty platforms.
- Collaborated with central marketing to ensure 100% brand consistency while translating complex engineering & HE concepts for prospective students.

Student Ambassador

University of Greenwich

📅 Oct 2022 - Oct 2025 📍 Greenwich, London

- This role had allowed me to work for multiple different departments within the University including UK Student Recruitment, Outreach as well as roles within my own faculty.
- I had to constantly adapt my workflow and stance to appease the different stakeholders that I worked with whilst upholding the image of the University.
- I've furtherly received the University of Greenwich Instrumental Ambassador Award in 2024 for the contributions I've made in my role to the Scheme as a whole.

Teacher Assistant

Brompton Academy

📅 Jan 2022 - Jul 2022 📍 Gillingham, Kent

- As a Teacher Assistant for Brompton Academy, I was responsible for supporting Year 10 students with their learning in Business Studies. I assisted in lesson preparation, provided one-on-one support to students, and helped manage classroom activities to create a positive learning environment.

SKILLS

Leadership

Teamwork

Communication

Technical

Python

Java

HTML & CSS

Git/GitHub

Machine Learning

Azure

CI/CD/DevOps

Cloud Computing

UI/UX Design

Creative

Adobe Creative Suite

Video Editing

Social Media Video Production

Social Media Management

Orlo

Design

Figma

Human-Computer Interaction

CONTACT

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- LinkedIn: [linkedin.com/in/rjviernes620](https://www.linkedin.com/in/rjviernes620)

Instrumental Ambassador Award 2024



Received at Greenwich Employability Awards for Performance and contribution to the scheme over the year.

Making a Difference Award 2024



Received from the Faculty of Engineering and Science for volunteering and contribution to the University community.