

# Lyla Taguma

## Neuroscience Graduate & Aspiring Frontend Developer

Passionate about crafting seamless digital experiences and innovative software solutions with clean form & function to address ever-evolving real-world problems.

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[LinkedIn](#) ■ [Portfolio](#) ■ [GitHub](#)

## 01 SKILLS

JavaScript (TypeScript)  
HTML / CSS  
React.js, Node.js  
PostgreSQL  
Python / R  
Git, GitHub  
Zsh, Bash  
Procreate, Adobe  
Figma & Miro  
Webflow  
  
Web Development & UI Design  
Authentication & API Testing  
Wireframing, Prototyping  
Illustration & Graphic Design  
Data Science  
Scientific Figures  
Japanese & English (Native)  
French (Conversational)

## 02 PROFILE

Experienced in leveraging technology for business efficiency and growth.  
Seeking opportunities to contribute skills in creatively optimising lifestyle, healthcare, and sustainability sectors.

## 03 EXPERIENCE & PROJECTS

### Present

#### Self-employed Service

##### Ongoing commissions:

- London-based addiction sciences podcast
- Seattle-based protein research start-up.

### Freelance Designer

- Unified efforts with sound designers and game developers as an artist and UX/UI advisor to elevate game jam products within tight deadlines (3 day to 1 month range) whilst gaining familiarity with FMOD and Unity.
- Delivered impactful brand identity designs via logos/favicons.
- Composed, recorded, and mixed film tracks in Reaper for Bournemouth filmmakers.

### July 2023

#### Centre for Discovery Brain Sciences

Edinburgh, UK

Research: Oestrous Cycle Dependent Modulation of Cortical & Hippocampal Formation Activity

### Undergraduate Researcher, Rochefort Lab

- Revamped pipeline scripts in Python to spearhead bulk data analysis and visualisation of mouse brain activity data acquired through high-throughput neuronal recording techniques (Neuropixels).
- Coordinated seamlessly with peers via GitHub.
- Remedied errors in cell morphology classifications, improving data quality by 32%.
- Presented findings contributed to securing grant funding.

### Aug 2020 - July 2023

#### EUString & EUChamber Orchestras

Edinburgh, UK

### Treasurer (Executive Board Member) & Librarian

- Built a database of archived music scores to enhance resource accessibility and streamline distribution amongst members for chamber projects.
- Strategised national tours and rectified financial discrepancies to mitigate society debt with fundraising efforts and an efficient budgeting system.
- Utilised Python and Excel to automate transaction calculations, increasing orchestra revenue by 6-fold during the pandemic.

## 05 CERTIFICATES & AWARDS

### 2024 Full-Stack Development Bootcamp

Mar 2024 Udemy Dr. Angela Yu

### HP Mars Home Planet Competition

2018 Global Shortlist Qualifiers

Nationally (JP) presented sustainable transportation solutions for human life envisioned on Mars

### Aug 2020 - July 2023

#### Tokyo Sinfonia, Internship

Tokyo, Japan

### 2018 - 2019 Tokyo Metro 2016 BNN Inc. Publishing Company

Tokyo, Japan

### Financial Advisor, Marketing, & Personal Assistant

- Evaluated long-term budgeting solutions for financial deficits.
- Secured sponsorships at press-conferences.
- Strategised marketing via press conferences and social media.
- Tailed Maestro Robert Rÿker in conductor apprenticeship.

### Translator & English Instructor

- Developed reusable interactive guidance sessions and educational films to actively engage metro workers in preparation for 2020 Tokyo Olympics.
- Translated 100 artist profiles for an illustration showcase book in English and Japanese within a 3-week deadline.

### Other Competitions

2019 Maastricht Choral, Global: 1st (Vocal Ensemble, Maastricht)

2018 Festival of Gold, Global: 1st (Mixed Show Choir, Chicago)

2015 AJAA, National: 2nd (Violin Performance, Tokyo)

### Additional Experience

- 2024 Built React.js Web App SPA portfolio with Framer Motion, Resend (<https://lysts.vercel.app>)  
2023 Deployed Lightweight Static Website with Pelican as Experimental Blog (<https://lysts.xyz>)  
2020 - 2023 Concert mistress/Soloist & Co-leader EUString, Chamber, Symphony Orchestras  
2019 Customer Service & Translator liaising with customers for International Diners Club Lounge  
2018 Academic & Music Tutor for youths ages 9 to 18, violin lessons & direction of 50+ singers