

# Lyla Taguma

London, UK

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## Neuroscience Graduate & Aspiring Frontend Developer

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

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

## 01 SKILLS

JavaScript (TypeScript)  
HTML / CSS  
React.js, Node.js  
PostgreSQL  
Python / R  
Git, 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)

## 04 EDUCATION

### University of Edinburgh

Sep 2019 - July 2023

BSc Biomedical Sciences,  
Neuroscience Honours 2.1  
Edinburgh, Scotland

### International School of the Sacred Heart

High School Diploma, 2019

Advanced Placement Scholar,  
Merit & Fine Arts Awards  
Tokyo, Japan

## 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

### 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)

## 02 PROFILE

Multidisciplinary artist with a background in cognitive sciences, music, and healthcare outreach communities. Dedicated to leveraging technology and design to craft accessible and impactful products that people need and love.

## 03 EXPERIENCE & PROJECTS

### Present

#### Self-employed Service

Ongoing commissions:

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

### Mar 2024

#### Full-stack Dynamic Website Project

<https://lyla-taguma.com>

### Aug 2023

#### Experimental Static Website Project

<https://lysts.xyz>

### Jan - July 2023

#### Discovery Brain Sciences Edinburgh, UK

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

### Aug 2020 - July 2023

#### EUString & EUChamber Orchestras

Edinburgh, UK

### Jun 2019 - Sep 2019

#### Tokyo Sinfonia, Internship Tokyo, Japan

### Additional Experience

2020 - 2023 Concert mistress/Soloist & Co-leader EUString, Chamber, Symphony Orchestras

2019 Customer Service & Translator liaising with customers for International Diners Club Lounge

2019 Tokyo Metro English Instructor created films to train staff English abilities for 2020 Olympics

2018 Academic & Music Tutor for youths ages 9 to 18, violin lessons & direction of 50+ singers

2016 Translator for BNN Inc. Publisher: translated 100 artist profiles for illustration showcase book

### Freelance Designer

- Unified efforts with sound designers and game developers as an artist and UX/UI advisor to elevate game development 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.

### React.js Web Application

- Built a React portfolio website from scratch to deployment.
- Implemented a minimalistic design with hand-drawn elements, multiple pages, toggle menu, contact form, and responsive UI with Framer Motion, Tailwind CSS, Next.js optimisations, and Resend.

### Pelican Blog Website

- Built a personal blog from scratch using Pelican (Python-based static site generator) and GitHub Pages.
- Lightweight static website with terminal-centric system where pages content is saved as reStructuredText files.

### Undergraduate Researcher, Rochefort Lab (CDBS)

- Simplified pipeline scripts in Python for 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 morphological profiling, improving data quality by 32%.
- Presented findings contributed to securing grant funding.

### Treasurer (Executive Board Member) & Librarian

- Utilised Python and Excel to automate transaction calculations, increasing orchestra revenue by 6-fold during the pandemic.
- Rectified financial discrepancies to mitigate society debt with fundraising efforts and an efficient budgeting system.
- Built a music score archive database to streamline music distribution amongst chamber members.

### Financial Advisor, Marketing, & Personal Assistant

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