

Rèi Dumand

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[GitHub](#) | [LinkedIn](#)

Software developer and designer.

Masters graduate in Architecture from the University of Bath.

TECHNICAL SKILLS

Languages: JavaScript / TypeScript, Python

Frontend: React, Next.js

Backend: Node.js, Express.js, Knex.js, PostgreSQL, REST

Technologies: Git, Heroku, Netlify, Render, PyTorch, TensorFlow.js, Firebase

Design: Photoshop, Illustrator, InDesign, Rhino3D (Grasshopper), Sketchup

PROJECTS

Tokyo Noire

[Live App](#) [GitHub](#)

_Platform to play and create geolocation-based, mystery adventures in your city.

_Tech Lead & Front End in a team of 4.

_Designed both web-based **mobile game** & **desktop editor**.

_Developed **brand identity** & UX/UI design.

Blind Test Songs

[Live App \(WIP\)](#) [GitHub](#)

_A musical quiz web app powered by Spotify API.

_Designed the backend as a **RESTful API** using Express.js, Knex.js and PostgreSQL.

_assisted teammates on frontend **UX/UI design**.

Artful Puzzle

[Live App \(WIP\)](#) [GitHub](#)

_Online puzzle web app using the Art Institute of Chicago's API.

_Implemented both frontend (React) and backend (Express.js & PostgreSQL).

_Implemented **user authentication** with Firebase.

WORK

Architectural Assistant

Formation Architects | London UK | 2020 – 2022

_Delivered high-standard construction packages as part of the firm's high-end residential team.

_**Automated drafting tasks** by building and distributing AutoCAD dynamic blocks among teammates.

Architectural & Scenography Intern

Atelier AtoY | Paris France | 2018 (4 months)

_Delivered design and construction packages for museography projects within a small team.

_Office [website redesign](#) in WordPress.

EDUCATION

Full Stack Software Dev. Program

Code Chrysalis | Tokyo Japan | 2022

_Team environment with **Git** workflow.

_Explored all parts of the full-stack development process with **CI/CD practices**.

Architecture Bachelors & Masters

University of Bath | UK | 2016 – 2022

_Full-time degree with professional placements.

_Experienced in **computational design**, using visual coding tools in Rhino3D (Grasshopper).

[Thesis Report](#)

OTHERS

Languages

French (native) | Japanese (native)

English (fluent) | Spanish (conversational)

Hobbies

Bouldering | Scuba Diving | Squash

Badminton | 5a-side Football