

# Trong Tu Luu

Junior Software Engineer

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## PROFILE

Computer Science graduate with real-world experience building full-stack applications, managing digital operations, and improving business workflows. Proficient in React.js, C#, SQL, and MongoDB, with strong problem-solving and UX design skills. Passionate about turning small business needs into modern, scalable tech solutions.

## EXPERIENCE

### Technical & Operations Assistant | 2019–Present

The Nail Fairy Braford

- Handled front-desk operations: appointment scheduling, customer greeting, and payment processing
- Assisted technicians during busy periods with nail prep and polish, gaining hands-on service experience
- Managed Instagram and Facebook pages to showcase services and attract new clients
- Took and edited professional nail photos/ videos of customer, building a portfolio and boosting online engagement
- Set up the salon's Google Business profile, improving search visibility and map presence
- Encouraged clients to leave reviews, leading to a noticeable increase in Google star rating and foot traffic
- Designed and launched the salon's online booking website to reduce scheduling conflicts and improve client flow

### Waiter | 2024–2025

Delicious Pho, London

- Managed customer orders, handled payments, and upsold menu items.
- Provided table service and supported front-of-house operations, including bartending.
- Maintained clean environment and ensured high customer satisfaction.

## EDUCATION

### City, Univercity of London | 2021–2025

BSc Computer Science

- Classification: Second Class Honours, Lower Division (58.12%)
- Final Year Project: Nail Salon Management Software (62%)
- Key Modules: Theory of Computation (68.6%), Computer Vision (67%), Data Visualization (60%), DSA (52.8%), Object-Oriented Analysis and Design (74.8%), Programming in Java (72%),

### Notre Dame Catholic Sixth Form College | 2019–2021

A Levels

- Mathematics – A, Further Mathematics – C, Computer Science – B (C# & Database)

### Carr Manor Community School | 2017–2019

GCSE

- Mathematics – G8, English Language – G4, Computer Science – G4 (Basic Python), Creative iMedia – Pass at Lv2 (Design Website)

## TECHNICAL SKILLS

### Language

- JavaScript, React.js, Java, C#, SQL, Python (Beginner)

### Frameworks/Tools

- .NET, Tailwind CSS, Visual Studio, GitHub

### Databases

- MongoDB, Microsoft SQL Server

PROJECT

**Nail Fairy Booking Website | 2025 – [nailfairy.co.uk](https://nailfairy.co.uk)**

React.js | MongoDB | Tailwind CSS

- Developed and deployed a fully functional booking system
- Used React.js for dynamic UI and MongoDB for storing booking/service data
- Implemented appointment selection, service filtering, calendar picker, and confirmation logic

**Nail Salon Management Software (NSMS) | 2024**

C# | SQL Server | Guna UI Framework

- Built a desktop application to manage bookings, sales, staff, inventory, and reporting
- Designed secure login, dynamic dashboards, POS system, and scheduling module

**Face Mask Detection with Deep Learning | 2024**

Python | PyTorch

- Trained and evaluated 3 models (SVM, MLP, ResNet-18) to detect face mask usage with up to 98.03% accuracy
- Applied transfer learning and deep CNNs to classify images into Mask, No Mask, and Improper Mask categories

**2D TFight Game | 2022**

Java

- Developed a desktop 2D action-platformer with a main character and multiple enemies, levels
- Applied object-oriented design for scalable combat systems, collision handling, and chasing enemy
- Designed core gameplay features: health bars, ranged/melee attacks, boss fights, and dynamic levels

**Gym Planner App | 2021**

C++ | SQL

- Developed a fitness and meal-tracking app with daily routine logging and body fat calculations
- Stored data in SQL to allow progress review and personalized recommendations

INTERESTS

**Artificial Intelligence**

- Exploring machine learning concepts and real-world automation tools

**Business**

- Growing business, building systems that improve efficiency and customer experience

**Coding**

- Coding full-stack apps, bots, and systems that solve real-world problems

**Creative Media**

- Photography, cinematic video editing, and social content creation

**Fitness**

- Running, gym training, badminton

LANGUAGE

**Vietnamese**  
Native

**English**  
Fluent

VISA STATUS

**RIGHT TO WORK IN THE UK | NO SPONSORSHIP REQUIRED**