

ADRIENNE SOLIVEN

@ adriennesoliven@gmail.com

📍 Taipei, Taiwan

🌐 adriennesoliven.com

🐙 github.com/adisol

EXPERIENCE

Advanced Software Engineer @ Neurelli

React.js, SemanticUI, Flask, Ubuntu Development, Figma

📅 June 2022 – Present

📍 New Taipei, Taiwan

🌐 neurelli.com

- Led the full lifecycle development of SafeHands, an AI-centric safety device with a real-time web interface on an edge device. Reduced setup time from a day to 30 minutes, secured key clients including Panasonic, and won the NT\$500,000 top prize at AI+ Day 2022.
- Spearheaded frontend development and contributed to backend enhancements of NU-LPR101, a license plate recognition web application on an edge device. Optimized for real-time responses in various scenarios, achieving a reduction in CPU and memory usage by 40% and 35-40%, respectively.
- Directed the UI/UX design and prototyping for Shifu 4.0, an all-in-one dashboard as the sole UI/UX designer. Pioneered the introduction of user testing in Neurelli and crafted comprehensive testing guidelines, which doubled pain point identification compared to the previous version.

Research Assistant @ 國立台灣科技大學 (NTUST)

Python, Computer Vision, Object Counting

📅 June 2021 – Feb. 2022

📍 Taipei, Taiwan

🌐 doi.org/10.1016/j.patrec.2023.04.018

- Devised a computer vision model for efficient pest count, improving performance by 18.4% and aiding in reducing potential agricultural damages.
- Published in Pattern Recognition Letters 2023

Human Factors Researcher @ Qairos

User Personas, Usability Test, User Analysis

📅 Jan. - Mar. 2019

📍 Manila, Philippines

🌐 qairos.asia

- Made robust design recommendations by performing user analysis, quantitative & qualitative computation, improving clarity and user satisfaction for diverse clients, including KitKat.
- Enhanced usability and interface design by identifying major problems found in web and mobile applications through skin testing, wireframe testing, and product auditing.

CERTIFICATIONS

- **[UI/UX]:** Interaction Design Foundation Certification - The Practical Guide to Usability, Conducting Usability Testing | Google & Coursera - Foundations of User Experience Design
- **[Programming]:** Codecademy - JavaScript, React, & TypeScript
- **[Language]:** Coursera - Learning Chinese: Start From Scratch

SKILLS

(proficient): Javascript, React.js, Python, Flask, Ubuntu Development, (familiar): Node.js, Typescript, Django

EDUCATION

M.S. Computer Science

國立台灣科技大學 (National Taiwan University of Science and Technology)

📅 2021 – 2022

📍 Taiwan

SOFTWARE PROJECTS

Akads PH

Lead Frontend Developer & Lead UX Researcher | peak visits 1000+ | 50+ users

🌐 akadsph.com

- Developed key features of an all-in-one on-line tutoring platform, including landing, tutor payouts, tutor requests, application form, and credit store pages.
- Created and moderated a comprehensive remote usability testing plan, analyzed results, & compiled a report with actionable recommendations. Identified usability issues, leading to substantial improvements in user experience.

AnimoSched

Frontend Developer & Lead UX Researcher | 115+ participants

🌐 adriennesoliven.com/#/AnimoSched

- Created a semi-automatic scheduling system for students, reducing schedule creation time by 43.21%.
- Developed four key pages of the 'AnimoSched' website, focusing on schedule display and input field structure. Led the project's user-centric design through creation and implementation of user tests, interviews, and subsequent analysis.
- Published in Conference on Human Factors in Computing Systems 2021 | Acceptance Rate: 26% : 🌐 tinyurl.com/chi2021-student-scheduling

BBDO Guerrero & RCBC

UX Researcher | 7000+ visits

🌐 rcbc.com

- Improved user experience for a major bank's website by identifying and mitigating various usability risks, leading to strategic design recommendations. Assumed a key role by conducting 40% of the usability tests.