

# YU-JOU YANG (NICOLE)

FRONTEND DEVELOPER

## ABOUT

Frontend Developer & Interactive Coder with 7 years of experience building robust web applications. I specialize in the React and Next.js ecosystem and have a deep passion for bringing interfaces to life using Three.js, GSAP, and p5.js. I focus on the intersection of clean technical architecture and engaging 3D visuals, always looking to push the boundaries of web-based animation and interactive storytelling.

## CONTACT



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<https://nicoleyj.dev/>



<https://www.linkedin.com/in/nicoleyj/>

## SKILLS

- JavaScript and Python skills
- Frontend libraries and frameworks (Vue, React, Next.js)
- CSS preprocessors and frameworks (SCSS, LESS, Tailwind CSS)
- Game development (Unity)
- Animation libraries (Three.js, p5.js)
- Version control (Git)
- CMS platforms (Magento, AEM, Drupal)
- Email marketing platforms

## EDUCATION

### ME in Cognitive Systems and Interactive Media

Universitat Pompeu Fabra, Spain • 2025–2026

### BE in Computer Science and Information Engineering

Tamkang University, Taiwan • 2012–2016

## LANGUAGES

- Chinese - Native
- English - Proficient
- Spanish - Intermediate
- Taiwanese - Conversational
- Catalan - Beginner

## EXPERIENCE

### Web Developer

Supermicro • Sep 2022 – Aug 2025

- Maintain the company's main website, including its functionality and content.
- Coordinate with the Marketing (Sales) department's requirements to provide IT support.

### Frontend Web Developer

BenQ • Apr 2020 – Aug 2022

- Optimize Website SEO (in the programming aspect)
  - Based on Google Web Vitals' demand to find good solutions to minimize the size of the files on the company website and maintain the webpages' stability.
- Responsible for maintaining the company website's smooth running, developing more functionality, and cooperating with PM, UI/UX, and Backend developers.
- Project:
  - B2C Website Revamping
    - Revamp the current B2C website with smoother motions, animations, and functionalities.
    - Each component needs to be compatible with multiple devices and different usage options.
      - AEM, HTML, CSS, JavaScript, Vue, LESS, GSAP, Swiper.js, Axios

### Frontend Web Developer

MiTAC • Aug 2018 – Mar 2020

- Build and maintain the websites of different brands.
- Create and issue newsletters across different countries/areas.
- Manage daily orders of an American brand and solve order-related issues.

## **CERTIFICATIONS**

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- NYUx MicroMaster® - Integrated Digital Media:
  - <https://credentials.edx.org/credentials/789ba4e9dcb64365a24689a6ea8db303>
- Creative Coding:
  - <https://courses.edx.org/certificates/cb4c39d92ae84fee983e51b5d1239dcc>
- Theories of Media and Technology:
  - <https://courses.edx.org/certificates/95b1339a4a2e437097eafc964b23ff40>
- Media Law:
  - <https://courses.edx.org/certificates/0778042680fb464a81d3452591491270>
- Integrated Digital Media Capstone:
  - <https://courses.edx.org/certificates/618b0290579f46cd97d0402650eeea3a>

- Projects:
  - Y2018 / Y2019 Online Christmas e-card
    - A 3-minute online animation made mostly by CSS animation which is responsive and compatible in the major browsers.
      - HTML, CSS, JavaScript, Webpack, SASS, GSAP
  - Resume Login System
    - Use Vue.js to build a login system in Chinese and English
      - HTML, CSS, JavaScript, Vue.js, ElementUI, Firebase, SASS
  - Report Management System
    - Use Vue to build a management system, including weekly/monthly report editing, reports exporting, and authority management...
  - Online Application Form
    - An online form page for users to apply the free trial of specific activity.
      - HTML, CSS, JavaScript, Webpack, SASS, Bootstrap

## **QA Engineer**

Egis Technology Inc. • Jun 2015 – Jun 2017

- Testing and analyzing ICs.

## **VOLUNTEER EXPERIENCE**

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### **Vereinigung Junger Freiwilliger E.V.**

Berlin • Oct 2017 - Oct 2017

- Helped maintain the environment of the camp, including gardening, painting, and renovation, etc, in Berlin, Germany
- Participated in community clean-up and enrichment projects.
- Demonstrated interpersonal abilities by working collaboratively with other volunteers on various projects.

### **TURÓ DE MONTGROS**

Barcelona • June 2014 - July 2014

- Helped with the research on the Roman remains on the Fortificació ibèrica de Montgròs in Barcelona, Spain.
- Grew ability to work independently while completing assigned tasks without direct supervision.
- Participated in community clean-up and enrichment projects.
- Demonstrated interpersonal abilities by working collaboratively with other volunteers on various projects.