

TU-AN NGUYEN

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SUMMARY

Recent University of California, Santa Cruz Computer Science graduate with a strong foundation in full-stack web development. Over 7 years of design experience, blending technical proficiency with creative expertise. Skilled in Javascript, Python, React.js, Figma, and Adobe Suite. Proven success in enhancing website aesthetics, user interfaces, and marketing materials.

EXPERIENCE

Analyst/Programmer

Sep. 2024 – Present

California State University, Fullerton

Fullerton, CA, USA

- Develop, design, and maintain the library website with Modern Campus CMS and Microsoft IIS.
- Independently and collaboratively develop fully integrated applications, databases, networks, and related systems in overall support of the Pollak library's technical infrastructure.
- Created a dynamically-updated book carousel and real-time library occupancy (by floor) web application.
- Administer and maintain all library servers run in-house, contracted out to IT, or hosted with vendors.

Web/Graphics Specialist

Nov. 2019 – Jun. 2023

UC Santa Cruz Genomics Institute

Santa Cruz, CA, USA

- Designed and maintained 8+ websites using HTML/CSS, Javascript, and WordPress, enhancing reach by 15%.
- Crafted hundreds of promotional materials tailored for academic audiences, using the Adobe suite and Canva.
- Strategically scheduled social media content, fostering engagement and awareness among 9000+ followers.

User Interface & Experience Intern

Oct. 2022 – Dec. 2022

ACTIBrain Bio

Seoul, KOR

- Designed and presented the user interface and experience of a "Braincare" program using Figma and Canva.
- Prototyped a modular AR game interface with 10+ hours of content that incorporates meditative exercise aimed at adults to prevent neurological diseases.
- Collaborated with stakeholders to incorporate feedback and iterate on user-friendly design solutions.

TECHNICAL SKILLS

Programming Languages: Java, Python, C/C++, SQL, JavaScript, HTML/CSS

Developer Frameworks/Tools: React.js, Vue.js, Tailwind, Bulma, Bootstrap, Git, Google Cloud Platform, WordPress, Unix

Design Tools: Adobe Illustrator & Photoshop, Figma

EDUCATION

University of California, Santa Cruz

Sep. 2019 – Jun. 2023

Bachelor of Science in Computer Science

Santa Cruz, CA, USA

- Relevant Coursework: User Experience, Web Applications, Artificial Intelligence, Database Systems, Computer Architecture, Data Structures and Algorithms

PROJECTS

Genrefy | *TailwindCSS, ReactJS* | github.com/genrefy

2023

- Front-end web application for searching songs' genres through the Spotify Web API.
- Built a reactive Spotify song search component using ReactJS and designed using TailwindCSS.
- Calls the Spotify Web API with the Axios HTTP library to fetch song and artist data. Computed and visually designed collected data.

Collaborative Planner | *HTML/CSS, Python, Bulma, Vue.js* | github.com/collaborative-planner

2023

- Full-stack web application for collaborative task management with multiple calendar views.
- Implemented a majority of the database structure with py4web and front-end reactive elements with Vue.js.
- Led a team of four developers, effectively managing tasks and ensuring project completion.

Troy High School Virtual Tour | *HTML/CSS, Javascript* | github.com/thsvirtualtour

2018

- Virtual campus tour of Troy High School with an emphasis on their Troy Tech program.
- Constructed a responsive tour interface using HTML/CSS and vanilla Javascript.
- Led a team of three developers in project completion.