

DZUY NGUYEN

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EXPERIENCE

Discovery Capital (formerly Real Equity Management)

Columbia, MO

Software Engineer

May 2024 – Present

- Developed and maintained full-stack web applications using React and Python (FastAPI), delivering scalable solutions for multiple business units.
- Designed and implemented automated CI/CD pipelines using GitHub Actions and AWS, significantly reducing deployment time and improving reliability.
- Integrated third-party APIs for payment processing, scheduling systems, and data exchange to streamline business operations and enhance user experience.
- Mentored an intern and collaborated with stakeholders to ensure technical solutions met business requirements.

Web Development Intern

Jan 2024 – May 2024

- Developed an interactive 3D product customization tool using React and three.js, implementing real-time 3D rendering and user interaction features.
- Designed and prototyped custom website interfaces in Figma, translating designs into responsive React components with advanced user customization capabilities.
- Customized WordPress plugins using PHP to optimize backend workflows and improve SEO performance.
- Maintained and updated website templates and content management systems to ensure accurate product information delivery.

University of Missouri Division of IT

Columbia, MO

Canvas Developer

Aug 2023 – May 2024

- Designed and implemented modular Learning Management System (LMS) components and themes using HTML and CSS, improving user experience and streamlining the training process.
- Built scalable, maintainable code architecture with comprehensive documentation to support future development and customization.
- Developed training materials and technical documentation for student developers to ensure consistent platform maintenance and development practices.

SKILLS

Languages	Python, C, C#, Java, JavaScript, TypeScript, HTML, CSS, Swift, PHP, SQL
Technologies	React.js, Angular, FastAPI, Nginx, AWS, WordPress, Git, Jira

EDUCATION

University of Missouri

Columbia, MO

Bachelor of Science in Computer Science

May 2024

- Minor in Information Technology
- Minor in Mathematics
- Certificate in Web and Mobile Applications Development