Catherine Nathalia Ciomas Sutanto

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EDUCATION

Northeastern University, Boston, MA   September 2022 - Present
Khoury College of Computer Sciences   Expected Grad: May 2025
Candidate for Bachelor of Science in Computer Science with Minor in Interaction Design
GPA: 3.89/4.00 | **Honors:** Dean's List, Northeastern Honors Scholarship
Relevant Coursework: Object-Oriented Design, Fundamentals of Computer Science I & 2, Mathematics of Data
Models, Foundations of Cybersecurity, Computer Systems, Discrete Structures, Mobile App Development
Activities: ISANU (Indonesian Student Association), Artistry Magazine, PERMIAS Massachusetts

TECHNICAL SKILLS

Languages: Java, JavaScript, Python, SQL, Racket, C, Assembly, HTML, CSS
Tools and Platforms: IntelliJ, Eclipse, Visual Studio Code, Vim, DrRacket, Android Studio, Twilio, GIT
Frameworks and Libraries: ReactJS, React Native, NodeJS, JUnit, FastAPI, Bulma, Vue2, Vue3, Oruga

EXPERIENCE

Software Development Intern | **Spill Center**, Boston, MA   January 2024 – Present
- Collaborated with FMCSA and DOT to develop a comprehensive data tracking system for HM cargo tanks. Gathered requirements for MVP, designed visual identity, framework, and user flow using Figma.
- Developed customized programs for client onboarding, ensuring seamless system integration. Conducted unit and integration testing to ensure software stability and performance prior to launch.
- Troubleshot and debugged existing applications to maintain optimal functionality. Evaluated and updated applications, adding new features to enhance usability and performance.

Web Development Intern | **Doyobi**, Singapore, Singapore   May 2023 – July 2023
- Meticulously converted Figma prototypes into ReactJS, adhering to strict timelines and quality standards.
- Collaborated with Marketing and Product teams to enhance website utility and support marketing goals.
- Contributed to website UI/UX improvements, effectively communicating and resolving diverse challenges.
- Participated in agile meetings, providing and receiving crucial feedback to refine team processes.

Marketing Intern | **Doyobi**, Singapore, Singapore   Oct. 2021- Sept. 2022
- Designed visually engaging graphics for prominent social media platforms (Instagram, Twitter, Facebook).
- Orchestrated comprehensive market research initiatives, culminating in the successful launch of targeted campaigns that elevated student registrations.
- Masterminded video editing processes, producing high-quality content to amplify marketing strategies.
- Leveraged data insights to iterate on marketing approaches, boosting audience engagement and reach.

Founder | **Girls Learn Code Indonesia**, Jakarta, Indonesia   Dec. 2019 - Present
- Managed a team of 21 volunteers in organizing skill-building workshops, tutoring groups, networking events and other free coding-related resources for over 1000 active members.
- Collaborated and gained recognition from influential organizations like Deutsche Bank, HP Inc., and Ashoka.

PROJECTS

CatherDines | catherinencs.github.io/catherdines/ | Javascript, HTML, CSS   Oct. 2023
- Engineered a single-page food review website as a platform to share culinary experiences.
- Designed and implemented an interactive frontend using HTML, CSS, and JavaScript, incorporating dynamic review displays and user interactions.
- Implemented advanced search and filtering capabilities, allowing users to navigate reviews based on criterias.

Artifind | Python, FastAPI, ReactJS, OpenAI, Google RSS, Jira   July 2023 – Aug. 2023
- Spearheaded the development of "Artifind," a FastAPI/React website offering personalized news search and in-depth analytics via Google RSS, specifically catering to Northeastern London Campus.
- Integrated Python and OpenAI for sentiment analysis and content summarization, enhancing user interaction with news data.
- Collaborated in a 9-person scrum team, efficiently coordinating project tasks and workflows using Jira, and presented key deliverables to university stakeholders.

INTERESTS

Hobbies: Graphic Design, Soccer, Baking, Billiards, Fashion | **Languages:** English, Indonesian, Malay, Mandarin