Phuong-Cat Ngo

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| https://www.linkedin.com/in/catn |

SUMMARY

Highly motivated and fast-paced healthcare worker turned software engineer who loves achieving improvements in productivity and KPIs. Seeking to put educational background in user experience, soft skills sharpened during the pandemic, and understanding of web technologies into a full stack career. Familiar with prototyping

SKILLS

Proficient: Java
Moderate: HTML, CSS, JavaScript, JQuery, Web Development, UI design, User Experience, Prototyping/Prototypes
Familiar: Android Studio, Object-Oriented Design, C++, Docker, Kotlin, LINUX, Python, SQL

EDUCATION

Udacity   **Sterling Heights, MI**
Java Programming Nanodegree (Software Development)   Expected Graduation: October 2022
- High Tech Transition Pathway Scholarship recipient sponsored by General Motors to study computer science and software development

University of Michigan   **Ann Arbor, MI**
Bachelor of Science in Information Science   August 2013 - December 2017
- Relevant Coursework:
    - Agile Web Development (SI 206)
    - Web Design, Development, and Accessibility (SI 339)
    - Building Interactive Applications (SI 364)

PROJECTS

Hotel Management System   **https://github.com/catcecilia/hotel_reservation**
- Created a command line interface application that uses a two-dimensional array as its main data structure

Parallel Web Crawler   **https://github.com/catcecilia/Parallel-Web-Crawler**
- Replaced legacy code and created a parallel web crawler using Java, JSON, and aspect-oriented programming and used automated tests to enhance web crawler

WORK EXPERIENCE

iCode Troy   **Troy, MI**
Coding Instructor   August 2022 - Present
- Familiarized and became proficient in PHP, MySQL, Python, Java, C#, Data Structures, Web Applications, and Traditional Front-End Web Stack (HTML, CSS, JavaScript) to teach curriculum and provide feedback

Diligent Robotics   **Pontiac, MI**
Clinical Robot Associate   June 2022 - August 2022
- Investigated the requirements for the onboarding process and created a scalable training product
- Created records, documented processes, and used debugging software to improve pathing automation

Michigan Medicine   **Ann Arbor, MI**
Patient Care Technician   May 2021 - May 2022
- Awarded the Making a Difference award for using empathy, best practices, and collaborative skills

Trupanion   **Seattle, WA**
Data Assistant   January 2019 - March 2021
- Tested and improved KPI metrics by changing requirements within workflow algorithms

University of Michigan   **Ann Arbor, MI**
Information Technology Consultant   June 2016 - Dec 2017
- Used scripting languages and debugging software to provide client firmware and hardware solutions