Chantakrak Ath-Ly

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• https://www.linkedin.com/in/cath-ly/ • https://github.com/cath-ly

Education & Skills

Centre College   Danville, KY
Computer Science Major, Bachelor of Science Degree. Cumulative GPA: 3.65/4.0   May 2023
Relevant Coursework: Artificial Intelligence, Computer Networking, Algorithms, Software Designs, Database Systems, Data Structures, Systems Programming, Web, Data, and Design,
Honors and Awards: Cum Laude (Graduated w/ Honors), Presented "Relocating the Confederate Statue: Activism and Anti-Racism at Centre College" at Bonner Summer Leadership Institute 2021, Dean's List (2019-2022), Posse Foundation Full-Tuition Leadership Award (2019-2023)

Languages: Python, TypeScript, JavaScript, Java, C, C#, MySQL, MongoDB
Other Technical Skills: Git, NodeJS, HTML, CSS, JIRA, Linux, ExpressJS, React.JS, React Native, Agile, Scrum

Relevant Experience

Teradyne, Inc.   North Reading, MA
Engineering Technician   Dec 2023 - Present
- Orchestrated with cross-functional engineers to design, test, and implement High-Level Assembly systems.
- Utilized JIRA and other internal software tools to debug and conduct data analysis of over 50+ circuit boards.

Cubic Transportation Services   Boston, MA
Field Service Technician   July 2023 - Dec 2023
- Executed over 200+ on-site installation, repair, maintenance, and testing tasks for MBTA's transportation systems.
- Interacted with Linux and other software tools to resolve bugs in fare systems ensuring customer satisfaction.

Zinnia Health   (Remote) Boston, MA
Software Engineer Intern   January 2022 – August 2022
- Composed updates to senior engineers on topics such as new project implementations, bug fixes, and suggestions conducted in weekly Scrum meetings, pull requests, and cross-functional meetings.
- Documented bug issues with JIRA to detail a well-organized log of software problems and resolve over 20 software issues that have been deployed into live production of multiple web applications.
- Applied Agile practices to normalize consistent iterations, clean coding principles, and test-driven development.

Projects

Zinnia Health Bedboard App   July 2022 – July 2022
- Maintained live web application that nurses use to place 300+ patients in available beds in 9 facilities.
- Refactored and enhanced codebase loggers in TypeScript to identify ongoing securities within the live production environment which alerted senior engineers of data abnormalities or possible violations.

Pokemon Battle Tower Database Project   September 2021 - December 2021
- Developed a stack-based application using Linux, Apache, MySQL, and Personal Homepage (PHP) to craft a robust web application that manages trainers' Pokemon data and leaderboard.
- Established a network of over 150 Pokemons and 15 trainers based on proper criteria in the database system.
Additional project codes can be found on GitHub: https://github.com/cath-ly

Leadership & Activities

Centre College   Danville, KY
Computer Science Class Representative of 2023   May 2021 – May 2023
- Elected by 50 class members and Computer Science (CS) faculty to represent their values in learning and success.
- Coordinated monthly meetings with CS faculty to discuss the interests of students in ways of promoting CS.

Confederate Statue Relocation Initiative   Danville, KY
Leadership Team   October 2020 – December 2021
- Assembled 1000 students, faculty, and community leaders to share and ensure our mission of the Initiative.
- Founded 5+ published works and creative outreach such as interviews, newspaper articles, and op-eds.