

Chantakrak Ath-Ly

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EDUCATION:

Centre College, Danville, Kentucky

Bachelor of Science in Computer Science, May 2023

Cumulative GPA: 3.65, Computer Science GPA: 3.6

Honor: Cum Laude (Graduated w/ Honors), Dean's List, 2019-2023, Centre Posse Leadership Award, 2019-2023

Computer Science Courses: Artificial Intelligence, Algorithms, Software Designs, Database Systems, Data Structures, Systems Programming, Web, Data, and Design, Voting Theory, Discrete Mathematics

EXPERIENCE:

Software Engineer Intern, Zinnia Health, Boston, MA January 2022 – August 2022

- Collaborated with cross-functional teams to deliver high-quality projects and ensure proper application.
- Utilized JIRA to systematically record and track software issues, ensuring a well-organized historical log of past problems and solutions.
- Applied Agile methodologies for continuous experimentation and product iteration, clean coding principles, and test-driven development to create maintainable and reliable code..

Render Logic Studios Internship, RLS, Boston, MA, September 2021 - December 2021

- Onboarded hundreds of employees developing prototypes for Department of Energy projects to make smooth transitions regarding project timelines.
- Utilized Unity Engine and C# to create VR simulations, enhancing problem-solving skills.

PROJECTS:

Zinnia Health Mobile App, Zinnia Health, January 2022 - June 2022

- Led design and development of a full-stack mobile application for onboarding patients into the clinic.
- Utilized MongoDB, Express, React Native, NodeJS, npm, and TypeScript.
- Implemented unit tests, peer code reviews, and Agile task-based stories to create consistent deadlines.

Zinnia Health Bedboard App, Zinnia Health, July 2022 – July 2022

- Maintained an application prioritizing patient bed placement, resulting in time savings for facilities.
- Revised and optimized codebases for improved information access.

Pokemon Battle Tower Database Project, Centre College, September 2021 - December 2021

- Developed a LAMP stack-based database project to manage trainers' Pokemon data and leaderboard.
- Implemented MySQL, PHP, and Apache for a robust data storage and retrieval system.

eSports vs. Sports Project, Centre College, September 2019 - December 2019

- Built interactive data visualizations and charts using D3 JS, CSS, and HTML to compare eSports and traditional sports popularity.
- Ensured data validity with well-documented datasets.

**Additional project codes can be found on GitHub: <https://github.com/cAth-Ly-Zinnia>*

COMPUTER SKILLS:

Languages: Python, TypeScript, JavaScript, Java, C, C#, MySQL, MongoDB

Frameworks/Stacks: LAMP, MERN, React.JS, React Native

Methodologies: Agile, Scrum, Waterfall

Other Tools/Applications: Adobe Photoshop, Visual Studio Code, Eclipse, Android Studio, Jira, Postman

EXTRACURRICULARS AND OTHER SKILLS:

Valorant eSports Team Captain, Centre College, September 2022 - May 2023

Computer Science Class Representative of 2023, Centre College, May 2021 - May 2023

AAPIC Executive Member, Centre College, April 2021 - May 2023

Leadership Team Member, Confederate Statue Relocation Initiative, October 2020 – December 2021