
Jonathan Pharies

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Summary

Highly motivated Computer Science student with with experience in IT, team building, teaching, and leadership. Objective is to gain meaningful experience in software development, IT, web design, and related computer science fields.

Experience

Centre College - Computer Science Tutor 08/2019 - 05/2020
Danville, KY

- Tutor for the Computer Science Department.
- Provided study methods in order to maximize student learning and maximize success in the computer science program.
- Organized environment to promote productive learning.
- Explained high level topics in a simple to understand manner.
- Taught in person and virtual.

Digital Media Academy - Tech and Logistics Assistant (UCSD Campus) 07/2019 - 08/2019
San Diego, CA

- Cataloged, set up, and maintained over 50 Mac computers and laptops along with the rest of the camp equipment for a residential youth camp teaching STEM subjects.
- Used problem solving skills to debug technical problems under significant time pressure in separate classes while keeping them running, which included learning a curriculum for a class without a teacher.
- Constant collaboration with the onsite staff throughout each day.
- Engaged in long distance collaboration with technical staff in locations throughout the U.S. in order to solve systemic problems.

395 Starz and Crusaders Lacrosse - Assistant Coach 01/2016 - 01/2017
San Diego, CA

- Coached competitive travel lacrosse teams and traveled with them to tournaments.
- Worked with each member of the teams to develop team work, conditioning, lacrosse skills, and game strategy.
- Encouraged a team-based environment where improvement was always the objective.
- Communicated complex changes in stressful game-time situations.

Skills

- Programming Languages: Python, Java, C, C++, HTML, CSS, JavaScript.
- Design Patterns.
- Web Design.
- Internet Protocols: creation of socket-based servers/clients.
- UML.
- Automated Testing.
- Documentation.
- Communication Skills.
- Leadership.
- Work Ethic.

Education and Training

Expected in 05/2021

Centre College
Danville, KY

Bachelor of Science: Computer Science

- 3.5 GPA.
- **Significant Classes:** Designs and Analysis of Algorithms; Systems Programming; Web, Data, and Design; Software Design; Data Structures; Theory of Computation; Computer Networking; Introduction to Computer Science; Physics I; Calculus I.

Activities and Honors

- Founder's Scholarship.
- Deans List.
- All-Southern Athletic Conference Academic Honor Roll (Lacrosse).

Extra Curriculars

- Student-Athlete: Men's Lacrosse Team (NCAA Division 3).
- Member of Delta Kappa Epsilon Fraternity: Chief Justice (2019-2020).