

PERRY BROWER

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PROFILE SUMMARY

Dynamic Computer Engineering graduate with a passion for software development and innovative problem-solving. Skilled in Java, Python, C++, and web development, with a strong foundation in algorithms and data structures. Proven ability to lead teams and deliver high-quality projects, as demonstrated through the successful completion of the Chess Game Project and the Honors Forum Citizenship Project. Adept at collaborating with diverse teams and adapting to new challenges. Eager to contribute to a forward-thinking organization as an entry-level Computer Engineer.

CORE QUALIFICATIONS

Software Development | Programming | Coding | Algorithms | Data Structures | Object-Oriented Programming (OOP) | Java | Python | C++ | Web Development | Software Testing | Debugging | Version Control (Git, SVN) | Agile Methodologies | Problem-Solving | Teamwork | Communication Skills | Time Management | Software Documentation | Continuous Learning

PROFESSIONAL EXPERIENCE

OSMOSE | NEW YORK, UNITED STATES

OSMOSE CREW MEMBER

Oct 2023 - Present

- Supervise a team of pole inspectors and treaters to execute preventive maintenance on utility poles in New York.
- Conduct thorough visual inspections by excavating around pole bases to assess structural integrity.
- Apply pesticides and wood/salt-based treatments to preserve poles and prevent decay.
- Coordinate with homeowners to secure access to poles located in backyard areas, ensuring efficient maintenance operations and compliance with safety standards.

PROJECTS

SKIDMORE COLLEGE | SARATOGA SPRINGS, NY

CHESS GAME PROJECT

January 2023 – May 2023

- Designed and implemented a Java-based user interface (UI) for a chess game, featuring interactive player vs. player and player vs. AI modes.
- Developed an advanced Alpha/Beta player AI system, incorporating an evaluation function to analyze and optimize gameplay strategies.
- Demonstrated expert proficiency in Java programming by creating a dynamic UI for a sophisticated chess application.
- Enhanced the gaming experience by integrating a strategic AI opponent, utilizing complex algorithms for comprehensive board assessment.

SKIDMORE COLLEGE | SARATOGA SPRINGS, NY

HONORS FORUM CITIZENSHIP PROJECT

January 2023 – May 2023

- Led in-depth discussions on John McWhorter's "Woke Racism," promoting a thorough understanding of the subject matter.
- Spearheaded critical analyses of "Woke Racism," incorporating diverse perspectives to enrich the discourse.
- Demonstrated advanced analytical skills through active participation in detailed discussions regarding "Woke Racism."
- Engaged in thought-provoking critiques of "Woke Racism," contributing to a more nuanced interpretation of the text.
- Collaborated effectively with peers to explore and analyze "Woke Racism" from various angles, enhancing the project's depth and breadth.

LEADERSHIP EXPERIENCE

SKIDMORE PEER MENTOR | SARATOGA SPRINGS, NY

September 2021 – May 2022

- Provided personalized mentorship to incoming freshmen, facilitating their academic and personal development.
- Collaborated with faculty to deliver course material effectively, ensuring student comprehension and engagement.
- Organized and led discussions on adult and college life, aiding students in their transition to university.
- Offered guidance and support to freshmen, assisting them in adapting to the rigors of college life.
- Directed a class focused on adult and college life, equipping students with essential skills for academic success.

EDUCATION

Bachelor's Degree; English and Computer Science - Skidmore College, Saratoga Springs, NY, Graduated; May 2023

- Skidmore College Cum Laude Graduate, maintained GPA of 3.5 or higher
- Skidmore College Honors Forum Graduate, completed Honors Forum project