Roger Waggoner

Software Developer

rogerswaggoner@gmail.com — Greensburg, PA, USA

https://hk47196.github.io/

PROFESSIONAL SUMMARY

Software developer with years of experience in programming and proficiency in C++, C#, and TypeScript. Skilled in Linux, Git, ReactJS, and Express.js environments. Recognized for exceptional problem-solving abilities and a meticulous approach to overcoming complex challenges. Eager to apply analytical skills and technical expertise to contribute to a forward-thinking development team.

SKILLS

Programming Languages

- Proficient in C++, C#, TypeScript, and JavaScript

Development Tools and Environments

- Advanced knowledge of Linux operating systems and Git version control
- Experienced with Node.js, Express.js, and ReactJS for full-stack development

Technical Skills

- Strong analytical and problem-solving abilities
- Effective at bug identification, reporting, and documentation
- Quick learner with a keen interest in new technologies and development methodologies

EXPERIENCE

Software/Game Tester (Volunteer)

Artificer — 2022-2023

- Conducted testing for two unreleased video games, focusing on identifying and documenting bugs, gameplay issues, and user experience improvements.
- Provided detailed feedback and reports to the development team, contributing to the refinement of game mechanics and overall quality.
- Demonstrated strong analytical skills and attention to detail, ensuring comprehensive coverage of test scenarios and game environments.
- Collaborated effectively with the development team, offering constructive criticism and suggestions that were well-received and implemented.

Forum Administrator and Developer

Independent Project — 2022-

- Spearheaded the development, maintenance, and administration of a high-traffic online forum, achieving over 40,000 unique visitors and 1 million page views monthly.
- Designed and implemented custom extensions for phpBB 3.3.x to enhance forum functionality, user experience, and moderation efficiency.
- Managed server infrastructure to ensure high availability and performance under significant traffic loads.

- Developed and enforced community guidelines to foster a constructive environment while handling moderation challenges.

EDUCATION

University of Pittsburgh

Bachelor's Degree in Computer Science

- Pursued a Bachelor of Science in Computer Science with a minor in Applied Mathematics