Luke Swiderski

PROFILE

Highly motivated and aspiring software developer with a strong foundation in front-end development technologies and a passion for creating user-friendly web applications. Eager to contribute to a dynamic development team, with proven experience in open source projects, encompassing a range of skills essential for real-world development work. My portfolio and contributions can be seen at www.LukeSwiderski.com.

OPEN SOURCE CONTRIBUTIONS

MOZILLA FIREFOX AND GOOGLE CHROME OPEN SOURCE PROJECTS (2020 - PRESENT)

- Actively participated in open source software development, gaining hands-on experience, navigating complex codebases, and collaborating effectively within a team.

- Successfully resolved multiple issues and contributed to enhancing the user experience and functionality of Mozilla Firefox.

- Developed skills in setting up development environments, writing tests, and addressing merge conflicts, mirroring the challenges faced in actual development teams.

- Researched and identified bugs in the Firefox debugger and implemented solutions, ensuring a seamless user experience.

DEVELOPED EXPERTISE:

- **Front-end Development:** Acquired extensive skills in front-end development, including HTML, CSS, JavaScript, React, and Redux.

- **Problem Solving:** Demonstrated the ability to solve complex problems in a large codebase, learning to navigate intricate technical dependencies.

- **Testing:** Mastered the art of writing mochitests to ensure the reliability and quality of code changes.

- **Collaboration:** Gained experience in collaborating with open source maintainers and understanding the importance of effective communication.

KEY ACHIEVEMENTS:

- Successfully submitted multiple patches that were accepted and merged into the Mozilla Firefox codebase.

- Gained a deeper understanding of React, Redux, and JavaScript while diagnosing and addressing bugs in the Firefox debugger.

- Contributed to enhancing the overall quality and functionality of the Firefox debugger.

- Developed strong problem-solving skills and the ability to write effective tests for complex software projects.

- Demonstrated resilience and perseverance in overcoming challenges, ultimately building confidence in tackling difficult bugs.

SKILLS:

- Front-end Development

- JavaScript

- HTML

- CSS

- CSS Grid

- React

- Redux

- Version Control (Git, Mercurial)

- Web Development Frameworks (Django)

- Testing (Mochitest, Tinytest)

- GitHub Contributions

- Adobe Photoshop

- GIMP

EDUCATION

Valencia College, Orlando, FL – Associate of Arts, 2007

Valencia College, Orlando, FL – Associate in Science, Digital Media, 2005