Luke Edwards

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EDUCATION:

Rochester Institute of Technology (RIT), Rochester, NY
Bachelor of Science, Software Engineering
Anticipated Date of Graduation: May 2027

SKILLS / RELEVANT COURSES:

Programming Languages: Python, Java, C, HTML, CSS, JavaScript
Operating Systems: MS Windows, Unix
Related Courses: Web Engineering, Software Design for Computing Systems, Intro to Software Engineering, Engineering of Software Subsystems, Calculus I & II, Discrete Mathematics for Computing, Process and Project Management, Human Centered Requirements and Design, Software Testing

PROJECTS:

HRIS Project Plan, **Process and Project Management**   Nov. 2024 - Dec. 2024
- Developed a project overview including problem statements, projected benefits, an initial stakeholder list, and organizational structure, as well as a list of provided features to ascertain key information regarding the project.
- Assessed various methodologies including but not limited to PSP, RUP, and Scrum for project success to determine what would fit the project's life cycle most appropriately.
- Created a Work Breakdown Structure, Product Backlog, and a fully realized Sprint 1 Backlog to organize tasks and when they should be completed.

Nightclub Manager, **Web Engineering**   Apr. 2024 - May 2024
- Worked individually to develop a storefront management application to track nightclub capacity.
- Engineered REST API backend using Python and Flask to create unique behavior for managing clubs including adding, editing, updating, and deleting clubs.
- Developed a detailed GUI to handle front-end display using React to ensure accurate and visible information.
- Used the Fetch API in combination with React to create and send HTTP requests to the Flask backend.
- Ensured full unit test coverage using Python's Coverage package as well as GitLab's CI/CD features.

UFund Animal Shelter, **Intro to Software Engineering**   Jan. 2024 - May 2024
- Collaborated with a group of four other students to engineer a website that allows users to seek out assistance related to their pets or any other animals.
- Formulated system-wide domain, architecture, and UML class diagrams to encapsulate the full needs of the application.
- Implemented REST API and controller using Spring framework and implemented GUI with Angular framework using the MVC architecture.
- Built a detailed test suite to cover all cases using the Mockito framework.

WORK EXPERIENCE:

Hannaford, Washington Mills, NY   **To-Go Expeditor, May 2023-Present**
- Handled curbside transactions with customers ensuring speed and accuracy.
- Assured customer satisfaction throughout the entire order process including order accuracy, having a friendly demeanor, as well as being timely when fulfilling their order.