

Laura Paganini

Software Engineer

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EDUCATION

BACHELOR OF SCIENCE: Miami University (Oxford, OH) 2014 - 2018

- BS in Software Engineering
 - Minor in Interactive Media Studies
 - University Honors Program and achieved Dean's List recognition each semester
 - Cumulative GPA of 3.78
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WORK EXPERIENCE

IMGUR

Platform Engineering Intern – February 2018 to present

- Skills used: React + Redux, Go, HTML/CSS, Git, Agile practices, and UI/UX design
- Independently designed and created the React user interface and Redux middleware for an internal administrator panel that will be used to curate promoted content.
- Conducted meetings with the end user to negotiate features and determine optimal user experiences with the administration panel.
- Created a Go micro-service that connects to a MySQL database and provides encapsulated, maintainable features for a new API endpoint.

PROGRESSIVE INSURANCE

Application Development Intern – Summer 2017

- Skills used: C#, JavaScript, HTML/CSS, Git, and Unity
- Developed web functionality, front-end user interfaces, and database interactions to the new agent registration form to streamline the agent's and Progressive representative's experiences.
- Converted ASP.NET pages to more modular, maintainable Model-View-Controller structures in C# to allow for future adaptability.
- Implemented 3D data visualization framework for the Microsoft Hololens to research alternative complex data visualization techniques, in collaboration with other interns.

MIAMI UNIVERSITY

Computer Science Teaching Assistant – Fall 2018, Spring 2017, and Fall 2016

- Skills used: Java, Python, and Git
 - The courses were named as follows: "Fundamentals of Programming and Problem Solving" and "Data Abstraction and Data Structures"
 - Explained computer science fundamentals and data structures to students during weekly office hours to help them on an individual basis.
 - Graded approximately 60 students' weekly assignments and labs to enforce programming standards and teach them good coding practices.
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CERTIFICATION AND SKILLS

CERTIFICATION

- ICAgile Certified Professional

LANGUAGES

- JavaScript, React + Redux, Java, C#, C++, Python, HTML + CSS, Go, and SQL