

# 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 3.77
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## WORK EXPERIENCE

### 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.
- Conducted code reviews and contributed to business requirement meetings to validate that my code meets the project owner's specifications.
- 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.

### CORNERSTONE IT

Help Desk Technician – Summer 2016

- Analyzed and solved five to ten technical issues per day remotely and on-site for local small businesses to enhance their productivity.
  - Instructed and collaborated with a team of five technicians to implement an internal Windows Deployment Server to improve efficiency in fulfilling customer orders.
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## CERTIFICATION AND SKILLS

### CERTIFICATION

- ICAgile Certified Professional

### LANGUAGES

- Java, C#, C++, Python, JavaScript/jQuery, HTML/CSS, and SQL