

## Daniel Quackenbush

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### EDUCATION

**Worcester Polytechnic Institute**, Worcester, MA Expected graduation 2023  
Major: Computer Science

**Joseph P. Keefe Technical High School**, Framingham, MA 2015-2019  
Major: Programming and Web Design

### EXPERIENCE

- **Software co-op**, iSpecimen (Lexington, MA) Summer 2019  
Documented a section of legacy code and made changes to address an upcoming customer requirement. Developed internal tool to help operations team rapidly search for important data in a large set of Excel files.

### PROJECTS

- **What The Fish?** — Long-term project using Xamarin and machine learning to develop an app that identifies fish from a user's picture and provides the regulations for that fish where they are fishing, so they can determine if they can keep the fish.
- **Spewspeak** — Microsoft .NET desktop program designed to exchange words in a text input with more complicated synonyms, so that the user sounds 'smarter'.
- **danielquackenbush.com** — Personal website and portfolio developed from scratch with a basic login and blog post system built on a LAMP stack.

### SKILLS

- Programming language fluency:
    - Microsoft C#/.NET
  - Programming language experience:
    - Python
    - SQL
    - HTML5/CSS3
    - PHP
- Experience with:
- Xamarin, Xamarin.Forms frameworks for mobile applications
  - .NET Windows Presentation Foundation (WPF) for desktop applications
  - ASP.NET Core and Azure Functions for API development
  - Relational database design and development
  - Linear algebra and machine learning techniques
    - Completed Andrew Ng's Machine Learning course on Coursera