

# Frank D. McGovern III

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## Education

**Binghamton University**, Watson School of Engineering  
Bachelor of Science, Computer Science

Degree Received: **December 2018**

## Technical Skills

**Languages:** C/C++, Java, Python, JavaScript, SQL, HTML, CSS, Git, C#, Ruby, Prolog, Haskell, OpenGL

**Tools and Technologies:** Pycharm, SQLite, Eclipse, Visual Studio, UNIX, Linux, GitHub, Bootstrap, jQuery, JUnit, .NET, Rails, PivotalTracker, Slack, cloud9, Selenium, Android Studio, Unity, Ayam, GIMP, Photoshop

**Industry Knowledge:** Web Development, Agile / Scrum, OOD, SDLC, SaaS, TDD, Databases, Algorithms

## Employment and Professional Experience

**Customer Service Manager, Walmart**

Vestal, NY, **September 2018 - December 2018**

- Responded to calls from customers and associates and provided assistance in a chaotic environment
- Managed front end operations, which included anywhere between twenty and fifty associates at a time

**Wireless Sales Associate, Walmart**

Vestal, NY, **April 2013 - August 2018**

- Helped customers make informed decisions on which products to buy, and provided technical support
- Worked as part of a team to increase profitability by 28% and bring the department out of the red
- Received numerous "letters to the president" written by customers for exceptional customer service

## Projects

**Personal, Web Developer**

Endwell, NY, **January 2018 - Present**

- Designed a website using JavaScript, HTML, CSS, and Bootstrap to promote my projects and skills
- Visit my website at [fdm320.github.io](http://fdm320.github.io) and my GitHub repository at <https://github.com/fdm320>

**Binghamton University, Ruby on Rails Programmer**

Binghamton, NY, **August - December 2018**

- Helped design an event scheduling app called College Daily with a group of thirteen other students
- My smaller team of five designed the sign up for event page, roster page, and helped scrape emails
- Code can be found at <https://github.com/binghamtonuse/CollegeDaily>

**Binghamton University, C Programmer**

Binghamton, NY, **January - May 2016**

- Implemented code to automate a round of Tic-Tac-Toe using C
- Designed the code to use algorithms to determine the best possible move available
- When tested against code designed by other students, my code was more effective 80% of the time

**Binghamton University, Java Programmer**

Binghamton, NY, **August - December 2015**

- Implemented "Pippin", which takes in a file, assembles it, and displays its memory content in GUI
- Pushed source code to GitHub and used it to manage the project
- Met testing specifications using JUnit and organized code using JavaDocs

**Binghamton University, Arduino Programmer**

Binghamton, NY, **May - August 2013**

- Used C to program an Arduino to play songs while flashing LED lights to the beat
- Utilized the Arduino's built in 8-ohm speaker to play different tones
- Wired the Arduino to a switch to control various LED bulbs