

# MARK FILIPKOWSKI

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## Skills

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<b>Programming/Development:</b>	Python, JavaScript, HTML, CSS, jQuery
<b>Frameworks:</b>	Django, Bootstrap
<b>Operating Systems:</b>	Windows 10, Mac OS
<b>Database Engines:</b>	SQL Server, SQLite
<b>Version Control:</b>	Git, GitHub, Azure DevOps
<b>IDE:</b>	Visual Studio, PyCharm
<b>Collaboration tools:</b>	Agile, Scrum

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## Programming Experience

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- **Python** - Used Tkinter to create a phonebook application where users can add, edit, and delete contacts. All contacts are stored in a database using SQL.
  - **Python** - Created a file transfer application that allows users to transfer files from one directory on their system to another. Affected files were stored in a database using SQLite. Tkinter was used to create the GUI for the application.
  - **JavaScript** - Created various applications including a basic 4 function calculator, Tic-Tac-Toe Game, and a pizza ordering menu.
  - **SQL Server** - Developed a relational database for a library management system. Database contained inventory, author, publisher, and customer information pertaining to multiple branches.
  - **Agile/Scrum** - Followed Agile methodology while constantly evolving an application used to store a collection of data related to a user's hobby. Worked within the Scrum framework during this 2 week sprint.
  - **HTML/CSS** - Created a homepage for a travel company that included a navbar, image containers, and a form to request customer information.
  - **Bootstrap** - Used Bootstrap to style various components of a movie theater home page, such as a navbar, jumbotron, cards, and dropdowns.
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## Professional Experience

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**Prosper IT Consulting – Salt Lake City, UT**  
**Software Developer Intern**

May 2020

- Developed an application to manage and store a user's collection of film reviews using Django Framework. Relevant film information was populated for the user through API requests.
- Produced with Agile methodology, particularly the Scrum framework, within a 2-week sprint.
- Collaborated with a team of developers employing Git and Azure DevOps version control systems.
- Utilized Bootstrap Framework in styling the project to make the application more responsive without delaying project development.
- Used jQuery to increase interactivity of static elements that were used to display information.

- Worked with the Python library Beautiful Soup to provide news updates by data scraping information from imdb.com.

***Independent Support Services – Long Island, NY***

**Community Habilitator and Job Coach**

Apr. 2016 - Jan. 2020

- Collaborated with an interdisciplinary team to establish and achieve set goals for clients
- Adapted strategies to meet the specific needs of the disadvantaged and disabled
- Accompanied clients to their volunteering events, job site, or university and provided support with tasks and responsibilities
- Assisted with the creation of and monitoring of personal budgets and schedules

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## Education

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***The Tech Academy*** - Salt Lake City, UT

May 2020

- Completed Python Developer Bootcamp consisting of over 600 hours of instruction.
- Trained in the programming languages Python, SQL, Javascript, CSS, and HTML5 used for Full-Stack Development.
- Learned how to utilize various frameworks and libraries such as Django, Bootstrap, jQuery, and Beautiful Soup for Front-End and Back-End Development.

***Cornell University*** – Ithaca, NY

May 2015

- Bachelor of Science in Chemical Engineering, GPA: 3.38
- Dean's List (Fall '11 & Spring '14)