

Matthew F. Weil
Greater New York City Area
New Brunswick, NJ

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Education

- **Rutgers University** New Brunswick, NJ
Bachelor of Science in Computer Science *Sep. 2017 - Present*

Work Experience

- **Rutgers University - Digital Classroom Services** New Brunswick, NJ
Support Specialist *July 2018 - Present*
 - Assisted with maintaining and supporting in-class technology across the New Brunswick campus.
 - Provided support to faculty members who experienced issues with in-class technology.

Skills

Languages: Java, JavaScript, Swift

Technologies: Git, Node, REST, MongoDB, MySQL

Operating Systems: Windows, Linux, macOS

Projects

- **RU Class**
Rutgers classroom availability checker
 - Developed a scraper to parse Rutgers API for classroom data and store in a MongoDB collection.
 - Created a web interface to allow users to easily query the MongoDB collection and retrieve classroom data.
- **RU Snipe**
Rutgers course schedule sniper
 - Developed a bot to query Rutgers API at a set interval to retrieve open course sections.
 - Utilized MongoDB to store user emails and SendGrid to later notify users when a particular section became available.
- **RU Core**
Rutgers core requirement class searcher
 - Developed a scraper to parse Rutgers SOC API for class data and store in a MongoDB collection.
 - Created a web interface to allow users to easily query the MongoDB collection and retrieve course specific data.
- **Genius Data Grabber**
Genius data gathering tool
 - Developed a command line interface to query Genius' API for artist specific data.
 - Utilized regex expressions to scrape song lyrics through Genius' lyric protection.