

Peter Cassioppi

pcj@iastate.edu | [linkedin.com/in/pcassioppi/](https://www.linkedin.com/in/pcassioppi/) | <https://pcassioppi.github.io/>

EDUCATION

Iowa State University, Ames, IA

Graduation: December 2020

Major: Management Information Systems

Minor: Data Science

Honors: Magna Cum Laude

SKILLS

Languages: Python, Java, JavaScript, SQL, R, HTML, CSS

Frameworks/Technologies: MongoDB, Postgres, MySQL, Django REST Framework, Spring Boot, React.js, AWS RDS, AWS DynamoDB, Bootstrap, Git

Analytics Tools: JupyterLab/Notebooks, RMarkdown/RStudio, Tableau, Power BI, RapidMiner

PROJECTS

TopMusic | Personal Project | Python, JavaScript, Django REST Framework, MongoDB, React.js

- Created full stack web application that uses BeautifulSoup to scrape a user's Last.FM data and store that information into MongoDB upon username entry. The data is then fed to a REST API using Django REST Framework
- The app then displays the information of the user's top artists, albums, and tracks, on React webpage by accessing the Django REST API.

Hotel Database | Group Class Project | SQL, MySQL, Java, Spring Boot

- Designed and developed logical schema of a relational database for a fictional hotel, designed to keep track of customers, rooms, reservations, and employees.
- Using SQL, made a functional version of the database, utilizing foreign & primary keys to form relationships between each of the tables. These schemas were then used to create an API with Spring Boot.

AirBnB Analysis | Group Class Project | R

- Analyzed data from over 500 Chicago AirBnB listings, comparing different attributes of the listings by location, distinguishing by neighborhoods, and latitude/longitude using data visualization and manipulation tools in R.
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EXPERIENCE

Intern, Reveal U.S.A, Naperville, IL

December 2018-January 2019

- Gained experience working in a modern office environment. Organized hundreds of company financial statements, tax returns, and management documents using Excel.
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INVOLVEMENT

President of Business Data Analytics Club, Iowa State University

May 2019-May 2020

- Gaining leadership experience by organizing and running club meetings, managing a team of officers, and preparing for events, as well as gaining experience presenting complex topics in front of groups weekly.
 - Requires researching and self-teaching topics in data analytics thoroughly so that I can present about these topics at meetings effectively and educate club members. Topics include Python, SQL, R, Power BI, Tableau.
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ACHIEVEMENTS

Health Care Services Corporation Internship – Data Delivery Team (Cancelled due to COVID-19 outbreak)

Summer 2020