

# Peter Cassioppi

630-664-9950 | [pjc@iastate.edu](mailto:pjc@iastate.edu) | [linkedin.com/in/pcassioppi](https://www.linkedin.com/in/pcassioppi) | [github.com/pcassioppi](https://github.com/pcassioppi)

---

## EDUCATION

Iowa State University, B.S. Management Information Systems, Minor in Data Science **GPA: 3.8**

December 2020

---

## SKILLS

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

**Frameworks/Technologies:** Django, Spring Boot, GraphQL, React.js, AWS RDS, MongoDB, Postgres, MySQL, Bootstrap, Git

---

## PROJECTS

SongSpots Song Location Tracker | Personal Project

- Built full stack web application using Django, GraphQL, AWS RDS Postgres, React.js, and Google Maps API that allows users to log songs and the locations they associate them with
- Developed a GraphQL API using Django and JWT user authentication to manipulate and query users' individual data from Postgres database hosted on AWS Cloud Relational Database Service
- Utilized React.js and URQL to query and manipulate data from the GraphQL API for the frontend, allowing users to see and add data using a map that consumes the Google Maps API and is displayed in a user friendly React-Bootstrap UI

Last.FM Spotify Data Scraper | Personal Project

- Developed full stack web application using Django REST framework, MongoDB, and React.js
- Utilized BeautifulSoup python library and MongoDB change streams to dynamically crawl users' Last.FM data and retrieve track analysis data from Spotify's API
- Implemented Bootstrap framework to display crawled data in an intuitive UI when user made request to the Django RESTFUL API from the React.js frontend

Hotel Database Backend | Group Class Project

- Designed and created logical schema of a relational database for a fictional hotel, designed to keep track of customers, rooms, reservations, and employees
- Created the database in MySQL, then implemented these schemas into a Spring Boot RESTFUL API back-end that was fed to the applications front-end user interface

WHO Suicide Statistics Analysis | Group Class Project

- Analyzed suicide statistics data from the WHO in combination with demographic and socioeconomic data using R to find relationships that could indicate what puts people at risk for suicide across the globe
- Implemented linear and logistic regression machine learning models to determine if a certain demographic was at risk and what factors played a role in a demographics suicide rate

---

## EXPERIENCE

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

December 2018-January 2019

- Organized hundreds of company financial statements, tax returns, and management documents using Excel

---

## INVOLVEMENT

President of Business Data Analytics Club, Iowa State University

May 2019-May 2020

- Gained leadership experience by organizing and running club meetings, managing a team of officers, and preparing for events, as well as presenting complex topics in front of groups weekly
- Required researching and self-teaching topics in data analytics thoroughly in order to present about topics at meetings effectively and educate club members. Topics included Python, pandas, NumPy, SQL, R, Power BI, Tableau