**MIS 571 | Database Application Development**

**Student Profile**

1. **Basics**

Name: Cate Dunham Name to be called: Cate

Email: cmdunham@wpi.edu Gender (M, F):

Home Length of time in US

Country: USA if not a US citizen:

Current Program of Study: Data Science PhD Program start: 8/2024

(MSIT, MSMTI, MSOAM, MSMFE, etc.) (month and year started, e.g., 8/2019.)

Previous Programs of Study or Degrees at WPI: Data Science Masters

Do you have a laptop for use in class: Yes \_\_x\_\_ No \_\_\_\_

Do you have an Android smart phone: Yes \_\_x\_\_ No \_\_\_\_

1. **Computing and IT Background**

Describe experience or courses using Database Packages, for example, use of Oracle, SQL/Server, MySQL, DB2, MS Access, etc.:

I have experience with SQL and MySQL.

Describe programming knowledge, experience, or courses, for example, Java, C, VB, etc.:

I primarily write in python but have also used R and C in the past.

1. **Work Experience**

Briefly describe your current work position (if you have one) and whether it is full time:

I am a data science RA.

Describe any previous work experience:

Before coming to WPI I worked as a machine learning engineer.

Describe any managerial experience you have:

I managed a team of 30 as a Starbucks store manager for several years. I dislike management though and do not see myself in a managerial role in the future.

1. **Project interests / Relevant Experience**

Describe areas of business experience, knowledge, courses, or interests (other than computing), for example, banking and financials, manufacturing, retail, non-profit areas, etc.:

Through coursework I have some familiarity with business and retail.

Describe areas of engineering or science experience, knowledge, courses, or interests (other than computing), for example, mechanical engineering, biology, etc.:

Much of my research here at WPI has focused on applying data science for chemistry purposes. In the past I have also applied data science to mechanical engineering and space technology.