

GABRIELLE BOLCER

763-233-2678 • gkbolcer@stthomas.edu
Maple Grove, MN

Education

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|---|--------------------------|--------------|
| September 2018-May 2022 | University of St. Thomas | St. Paul, MN |
| <ul style="list-style-type: none">• Majors: B.S. Computer Science and Data Analytics• GPA: 3.71• Dean's List Honors Six Semesters | | |

Employment

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| February 2020-Current | Utilimarc, St. Louis Park, MN | Software Engineer Intern |
| <ul style="list-style-type: none">• Created internal tool to collect and record file processing information to a table for 95% of files received from clients• Designed and implemented connection to client database for an automated daily data extraction• Introduced the usage of semi-structured data type columns into tables previously only using structured data types increasing data stored per record and advanced querying capabilities• Reduced client questions on processing emails by 50% by improving language surrounding errors through enhanced error catching• Added the streaming of logs to a cloud-based logging application simplifying accessing and querying logs for all logs produced by the internal codebase | | |

Skills

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| <ul style="list-style-type: none">• Python• SQL• Java | <ul style="list-style-type: none">• Amazon Web Services• Git• R | <ul style="list-style-type: none">• Excellent organization and time management skills• Clear and effective communicator |
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Projects

Banking Database

- Created a small database using Microsoft Access containing different tables with various related and unrelated banking records
- Drew entity diagrams during the design process to ensure tables had correct relationships
- Implemented primary and foreign keys to correctly match the data between tables
- Wrote SQL queries joining multiple tables to gain useful insights from the data in the database

Rent Payment Message

- Created Python package using a third-party messaging platform to send a text message to inputted list of contacts reminding them to send rent payment
- Managed sensitive information such as login credentials securely
- Implemented code using an API client from a REST API