

# Bailey Giesbrecht

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## CODING PORTFOLIO

### Check Out My Coding Portfolio

Visit through the site link below.

<http://baileygiesbrecht.com>

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## EDUCATION

### College of Engineering – Computer Engineering

2019 - 2023

University of Saskatchewan, Saskatoon, SK

- Graduated December of 2023 with a Bachelors of Sc Engineering. Majoring in Computer Engineering

### Edwards School of Business – Undergraduate Student

2018

University of Saskatchewan, Saskatoon, SK

- I attended for one year at the Edwards School of Business. Where I improved my teamwork and communication skills.
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## WORK EXPERIENCE

### Project Coordinator/Data Analytics

May 2023 – August 2023

Graham Construction, Saskatoon, Saskatchewan

- Utilized strong communication skills to maintain open and proactive communication with project managers and field personnel, ensuring a deep understanding of their specific reporting needs and preferences.
- Demonstrated self-directed learning by rapidly mastering tools such as PowerBi, InEight, and SAP Databases, enhancing data analysis capabilities.
- Proficiently extracted essential specifications from complex data tables and crafted dynamic reports tailored to Construction Work Areas (CWA's) and Construction Work Plans (CWP's), showcasing a strong aptitude for adapting to new technologies.

### Busser/Host

December 2018 – January 2020

The Keg Steakhouse and Bar, Saskatoon, Saskatchewan

- Efficiently managed tables and seating arrangements, showing an ability to work in a fast-paced restaurant environment.
- Demonstrated good communication skills by being clear and concise when interacting with customers, particularly over the phone.

**Cashier/Manager**

April 2014 – October 2018

Putt 'N' Bounce and Grand Slam, Saskatoon, Saskatchewan

- Developed maintenance skills while managing the batting cages, effectively solving mechanical problems.
  - Prioritized customer satisfaction by resolving issues and ensuring a positive customer experience.
  - Exercised leadership and teamwork skills as a manager, responsible for creating schedules and managing employee punctuality.
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**SUMMARY OF SKILLS****Communication**

- Academic Presentations: Developed communication skills during my year at the Edwards School of Business through in-class presentations.
- Laboratory Experience: Gained valuable experience working in laboratory settings at the College of Engineering, which required effective collaboration and communication within diverse teams.
- Proficiency in Business Communication: Demonstrated expertise in business communication through successful completion of courses such as RMC 300 and COMM 100, where I collaborated with peers to conduct research, create comprehensive documents, and deliver polished oral presentations.

**Leadership and Teamwork**

- Managerial Experience: Developed teamwork and leadership skills during a year as a manager at Putt 'n' Bounce, overseeing a team of twenty staff members.
- Lead Host Role: Enhanced teamwork and leadership abilities as a lead host at The Keg by providing guidance and support to other hosts.
- Academic Collaboration: Participated in numerous group projects in the Edwards School of Business and the College of Engineering, collaborating with a diverse range of students to achieve common goals.

**Technical and Computer Literacy**

- Excel and Microsoft Office: Used for data analysis and creating presentations with graphs during a business statistics class.
- Programming Languages: Proficient in Python, C, Java, JavaScript.
- Software and Tools: Familiar with Docker, Verilog, Git, Linux, System Verilog, CircuitJS, and Cisco Packet Tracer.
- Electronics and Hardware: Experience with multimeters, microprocessor-based embedded systems, Code Composer Studio, FPGA logic design using Quartus and Modelsim.

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**USST – Avionics Team (February 2022 – April 2022)**

- Joined the university Avionics team in February of 2022 and have programmed the FRAM for our rocket.

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**ACADEMIC AWARDS**

- Entrance scholarship of \$500 based on my grade 12 average being between 85% and 89.9%

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**References Available Upon Request**