

Elias C. Anderson

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Education

B.B.A, Business Analytics and Information Systems

May 2023

B.B.A, Entrepreneurial Management

University of Iowa, Iowa City, IA (3.5 GPA)

Technical Skills

R	SQL	Python	Power BI	Tableau	Machine Learning
Excel	Microsoft Access	E2Open	Rattle	Snowflake	MS Office Suite

Work Experience

Revenue Analyst

Caterpillar Inc., Peoria IL

May 2022 - Present

Sales and Operations Planning Intern

Caterpillar Inc., Peoria, IL

May 2022 – August 2022

- Used R and SQL to query data from Oracle Databases
- Worked with a diverse, international team to coordinate and forecast production supply and demand
- Used R code and Shiny to automate 6 hours of data cleaning, formatting, and validation processes
- Used Tableau to create live interactive dashboards

Aquatics Manager

City of Iowa City Aquatics Program, Iowa City, IA

September 2017 – March 2020,

March 2021-Present

- Trained and mentored over 40 new employees
- Presented and taught over 10 lifeguard classes and certified more than 60 students as Lifeguards
- Established and coordinated new continuous training programs for 100+ staff members

Teaching Assistant

University of Iowa Rec Services, Iowa City, IA

August 2021 – Present

- Worked with head instructor to coordinate and carry out class content
- Assisted educating students on class content in classroom setting and on outdoor trips
- Worked with diverse groups of students to teach class content

Projects

Predicting Heart Disease with Machine Learning

- Used over 300,000 observations of patient health information to predict risk of heart disease
- Used R and Rattle to build and apply supervised machine learning models

Cryptocurrency Monitor/Investment bot

- Used python code to continuously monitor cryptocurrency markets via web scraping
- Used python code to create an automated investment response system based on market information