**ROBERT CHASE SOMMER**

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Github: https://github.com/RobertChaseSommer

**EDUCATION**

**The University of Iowa,** Iowa City, IA Graduation: Dec. 2019

B.S. Business Analytics

**SKILLS**

SQL, Python, Microsoft Excel, R

**CLASS PROJECT EXPERIENCE**

**Analyzing Data for Business Intelligence** Jan. 2019 - May 2019

The University of Iowa, Iowa City, IA

* Mastered methods and tools of processing, manipulating, analyzing, and visualizing data for descriptive analytics and insights that aid business decision making using R studio.

**Database Management** Jan. 2019 - May 2019

The University of Iowa, Iowa City, IA

* Managed and created databases to effectively support business strategy and provide competitive advantage in the growing information overload of modern business operation.
* Studied data modeling, entity relationship diagrams (ERD), relational schema, normalization, SQL, application development, data warehousing, and data analysis.

**Market Research**  Aug. 2018 – Dec. 2018

The University of Iowa, Iowa City, IA

* Learned Qualtrics Survey Software to develop efficient and non-biased surveys.
* Leveraged data collection and analysis for insights into the local market

**PROFESSIONAL EXPERIENCE**

**Cambus Transit Operator Trainer** Nov. 2018 - Present

WCTC, Iowa City, IA

* Pioneered Cambus Analytics by manipulating unused data into actionable insights for the transit system.
* Taught trainees how to operate a 40-foot city-bus through chaotic traffic obstacles.
* Created attention-grabbing media to educate Cambus operators on transit news and events.
* Engineered and organized the creation of a training device that teaches spacial awareness to operators.

**LEADERSHIP EXPERIENCE**

**President of Esports at Iowa**  Aug. 2018 - Present

The University of Iowa, Iowa City, IA

* Conducted faculty meetings on the emerging esports market and advised next steps for the University of Iowa.
* Grew a leadership team from 6 members to 12 members over 6 months by setting goals and thinking outside of the box.
* Supported the leaders with ethical advice and practical knowledge which lead to an expansion from one formalized team to over 5.
* Developed members into leadership roles by allocating resources to allow others to flourish.

**VOLUNTEER EXPERIENCE** Aug. 2016 – Dec. 2016

Hope Lodge Cancer Resource Center, Iowa City, IA

**GLOBAL PERSPECTIVES** May 2017 - July 2017

10-Week missions’ trip to Wuhan, China with Salt Company, Iowa City, IA

**LANGUAGE PROFICIENCIES**

Conversational Spanish – 5 semesters of A’s

**INTERESTS**

Internet of Things IoT, Microsoft Azure, Amazon Web Services, Data Science, Data Warehousing, DevOps, Hadoop, Spark, Distributed Computing, Machine Learning Engineer, Networks, Artificial Intelligence AI, Cyber Security, Cloud Architect, Cloud Systems, App, Business Intelligence BI, Database Administration, Python, Scrum, IT, NoSQL, Big Data, Medium Data, Small Data, Tiny Data, Augmented Analytics