

Alex Kuphal

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Bradley University, May 2022

Bachelor of Science, Computer Science (Data Science Concentration)
Overall GPA 3.62 (4.0 Scale)

Education

- Fundamentals of Data Science, Data Engineering, Machine Learning, Software Engineering
 - Data Mining, Database Management, Advanced Programming Concepts.
 - Professional Issues in Computing, Oral Communication, Argumentative Writing.
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Professional Qualifications

- Experienced in data warehouse administration, Cognos reporting, and backend development.
 - Performed data visualization, analysis, and prediction in Python using Matplotlib, TensorFlow, Pandas, Scikit-learn, and Keras.
 - Trained in Linux, PostgreSQL, VIM, Weka, Visual Studio, GitHub, and Salesforce.
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Related Experience

Produce Pro Software, Woodridge, IL

Software Developer, Analyst, July 11, 2022 – present

- Worked in Linux, Cognos, PostgreSQL, Pentaho and DBC to provide support, professional services, and development work for the ERP software and analytics package.
 - Answered users' questions on functionality of the ERP and analytics process and identified defects if behavior was incorrect.
 - Performed updates and fixes to main code base and customer sites in the form of custom development, retrofits, and defect fixes.
 - Provided Linux administration for the ERP and analytics red hat servers and worked on integrating the data warehouse between them.
 - Maintained the external upload procedures to PostgreSQL and Cognos using Pentaho.
 - Created reports, performed analysis, investigated issues, and provided education on IBM Cognos to customers and maintained user licenses and security permissions.
 - Headed up the setup of internal analytics after the company's transition to using Salesforce.
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Additional Experience

Theta Xi Fraternity

Recruitment and Philanthropy Chairman, Fall 2018 – Spring 2022

- Planned and coordinated events to increase fundraising and recruit new members.
- Ensured positive public image by upholding necessary rules and regulations for members.
- Maintained detailed records of potential members and volunteers' status, while communicating with individual members concerning their performance.
- Set fundraising targets and allocated funds evenly among philanthropic organizations.

Bradley University Data Science Club

Member, January 2020– January 2021

- Assisted in planning of meetings, seminars, and events.
- Furthered my knowledge of data science concepts by learning how to use data to solve real life issues and how to create technology to do so.
- Gained knowledge in the early development lifecycle for a data science startup and the steps involved in that process.