Bowen Kruse

+1 406-465-1399 | bokruse1998@gmail.com | GitHub | Linkedin | My website

Objective

To enhance my educational and professional skills with an opportunity for personal and professional skill development.

Education

Montana State University   Expected Graduation - December 2021

- Major: Computer Science- Professional Option
- GPA: 3.64/ 4.0
- An active member of the Association for Computing Machinery and IEEE (August 2018 -current)

American University of Sharjah - ISEP Exchange   August 2019- June 2020

- Continued Computer Science studies in a diverse environment accompanied by Arabic language studies.

Professional Certifications

- IBM Applied AI Professional
- Google IT Support Professional

If there is a desired skill not listed below, I will learn it swiftly.

Professional Skills

- Preferred Programming Languages: Python, Java, Golang, SQL, C++
- Experience with: Various deep learning frameworks, SAP development, ServiceNow Development, GitHub, AWS, Azure, React JS, Bootstrap, GUI development, Mobile Development, Database Management Systems, and the Software Engineering Process.
- Soft Skills: Ability to communicate technical concepts, love of collaboration, healthy skepticism, perpetual curiosity, critical thinking, adaptability, strong customer support.

Experience

Application Development Intern - BNSF - Summer 2021

- Developed computer vision models using the amazing Cogniac platform to detect instances of damage on train wheels. Developed python programs to analyze possible causes of detection imbalances from existing models.
- Built a highly dynamic timeline web application displaying the company's SAP development landscape using the Django Framework. Data was pulled in using RESTful APIs and utilized recursive descent parsing as well as SQLite databases to power an extremely fast back-end.
- Other activities included ServiceNow development, Power BI Dashboard Development, organizing intern meet ups to allow collaboration

United Arab Emirates Hackathon - 2020

- Created a proposed solution to traffic congestion between emirates that utilized automated smart corridors and a Self-Adaptive Traffic Signal system based on real-time data.

Google Hash Code - 2020 - https://github.com/bowenkruse/HashCode2020.git

- My 2020 team finished with 20,967,384 points in the 62 percentile of all 10,724 global competitors.

Librarian/Administrative Assistant - Gough, Shanahan, Johnson & Waterman LLC

- Created an intranet based web application that contained details on the thousands of titles owned by the firm. Users could search for/locate titles and request delivery of a certain title via the application.