

Aaliyah Hänni

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D.O.B.: 28.06.98 | Nationality: United States | Residence: Swiss B-permit | Marital Status: Married

Education

Master of Science in Data Science

University of Washington, Seattle, WA

Jun 2022

Bachelor of Science in Mathematics

Minors in Computer Science and Statistics
Oregon State University, Corvallis, OR

Dec 2019

Experience

Data Scientist

University of Washington Academic Experience Design & Delivery,
Seattle, WA

Sep 2021 - Sep 2022

- Developed a machine learning algorithm in Python to predict risk level of students to provide faculty and staff the opportunity to proactively reach out to students
- Collaborated in designing course and program recommendations for students
- Generated a NLP model to detect offensive language and hate speech in over 3.5 million course evaluations

IT Business Analyst

JH Kelly, Seattle, WA

Apr 2019 - Jun 2022

- Regularly met with Sr. Executives and other stakeholders, to gather business requirements for new development and analytical projects, as well as providing weekly status updates for ongoing projects
- Developed modules for internally created software, managed Atlassian tools such as Confluence and Jira to communicate requirements, document processes, and streamline communication across the team
- Created over 100 company dashboards using Tableau & PowerBI data modeling software to present big data sets to provide actionable insights for leadership

Projects

[Man-Made Objects in Earth Orbit](#) | UW Data Visualizations for Data Scientists

- Designed and created visualizations using Tableau, to visualize man-made pollution in Earth's orbit, with the goal of showing where it comes from, the type of debris, and how it has changed over time

Fashion AI | Presented to Microsoft AI June 2022

- Developed a GAN model to generate textile patterns to create fashion items
- Created a Django application hosted on AWS for users to test out various AI generated patterns on pre-selected items, or their own uploaded images

OneCourt | Awarded 1st place at UW Science & Technology Showcase

- Presenting work to a range of technical and non-technical audiences in several events, such as the Foster School of Business Dempsey Startup Competition
- Developed machine learning models to track sports data in real time, and translating key details into a haptic language to allow users to feel sports

Languages Proficiencies

- English: Native
- German: Conversational (B1)

Technical Proficiencies

- Proficient using data scripting languages including Python, R, and SQL
- Experience using Spark and Map-reduce to solve big data problems
- Experience developing statistical, optimization and machine learning models; including Regression, Classification, Neural Networks, and Recommendation Systems

References

References will be made available upon request.