

Applied Mathematics in Industry Seminar

From Biostatistician To Data Scientist: A Personal Career Case

April 13th, 2022
2:00 -- 3:00 pm

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Dr. Yubing Wan

In the modern data science field, there are many technical skills believed to be essential for success including but not limited to coding skills, programming languages, mathematical algorithms, data types, data structures, etc.. While it's important to have proficiency at tasks related to these skills, it's often challenging or confusing for beginners to connect them to specific career goals. In this presentation, I will take my personal career path as an example to share how I became a data scientist after school, what skill sets are needed in my daily work, what trainings received from school promote my career development, as well as my understanding on the significance of continuously expanding and improving personal skillset after school.

Dr. Yubing Wan is a senior data scientist at QuartzBio, part of Precision for Medicine where he works primarily on developing programs to automate systematic data integration and management, and to support the QuartzBio web-based UI for harmonizing clinical and biomarker data. Prior to QuartzBio, he also worked as a postdoc associate at the Jackson Laboratory for Genomic Medicine, where he began working in high volume Genomic and Epigenomic Data. Yubing received his PhD in Biostatistics from the University of Louisville, specializing in dimension reduction methods, penalized regressions, and single-index model.



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