Justin Hsie

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www.linkedin.com/in/justinhsie
https://justinhsie.github.io/about.html

Education

Columbia University, Mailman School of Public Health, New York, NY

Master of Science, Biostatistics, GPA: 3.59   expected graduation date: May 2020

    Relevant Courses: Biostatistical Methods I & II, Data Science I & II, Machine Learning, Latent Variable and Structural Equation Modeling for Health, Statistical Inference, Probability

Bellevue College, Bellevue, WA   Summer 2015, Summer - Fall 2017

    Relevant Courses: Fundamentals of Computer Science I, Calculus III, Linear Algebra

University of Washington, Seattle, WA

Bachelor of Science, General Biology   September 2013 - June 2017

Skills

Programming Languages: R

Software Programs: Microsoft Word, PowerPoint, Excel, Logic Pro X

Languages: English, conversational Mandarin Chinese

Relevant Projects:

Influential Factors in Colectomy Complications: https://tiffttu.github.io/P8105_final_website/
- Visualized correlations between factors and surgical site infections
- Fit a model to data to find significant factors that predict surgical site infections

Accelerometer Data: https://github.com/JustinHsie/p8105_mtp_jih2119/blob/master/p8105_mtp_jih2119.md
- Visualized participant's 24-hour activity over 1 year
- Interpreted 24-hour activity of participant over 1 year

Predicting Chance of Admission with Application Data:

https://github.com/thecbp/P8106_midterm_project/blob/master/working_report.pdf
- Fit models to data to find significant factors that predict chances of admission to Master's programs
- Found 2 significant predictors that influence chances of admission

Work Experience

Pharmacy Assistant, Safeway Pharmacy, Seattle, WA   September 2016 - December 2016
- Provided excellent customer service at register window
- Prepared medication in coordination with head pharmacist for over 500 patients

Other

Music: Guitar, Piano, Drums, Bass, Instrumental production, Audio Mixing/Mastering