

Joel Smith

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Education

Master of Science in Biostatistics

Grand Valley State University, Allendale, MI

April 2019

Relevant Courses: Machine Learning, Statistical Programming, Categorical Data Analysis

Bachelor of Science in Statistics

Grand Valley State University, Allendale, MI

April 2015

Minors: Engineering Science, Mathematics

Experience

Holland, Holland, MI

Data Scientist

September 2018 to Present

- Maintained a machine learning model for pricing guidance to replace a third-party tool
- Built a machine learning model for the sales team to help predict customer churn
- Created a model that improved daily volume prediction by 1.2%

Grand Valley State University, Allendale, MI

Data Inquiry Lab Graduate Assistant

September 2018 to April 2019

- Provide support for student-led quantitative data management, visualization, and analysis

Statistical Consultant

May 2018 to Present

- Offer statistical support to the GVSU physical therapy department

Uniform Color Company, Holland, MI

Market Management Intern

May 2017 to September 2018

- Extract data from multiple databases to analyze to help improve sales
- Generated visualizations to help make European business segment profitable

Tri-Cities Family YMCA, Grand Haven, MI

Summer Camp Counselor

July to September 2016

SAF-Holland, Holland, MI

Test Lab Intern

May to August 2014

Mechanical Engineering Intern

June to August 2013

GHSP, Grand Haven, MI

Mechanical Engineering Intern

May 2012 to January 2013

Data Projects

- Created models using machine learning algorithms and entered in data competitions
- Provided statistical consulting for a professor's research involving locations of hip joint centers

Skills

Software: R, SAS, Python, SQL, Django, SPSS, Power BI, C, Visual Basic, Word, Excel, PowerPoint