Joshua Illg

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I am a knowledgeable, self-motivated, and detail-oriented full stack web developer who possesses strong analytical and technological skills, well-developed written and oral communication skills, and the ability to perform well within a team or independently.

Technical Skills

Languages: CSS, HTML, Java, JavaScript, Python, R, SQL, Visual Basic
Software: Excel, Express.js, Minitab, MongoDB, MySQL, Node.js, React.js
Mathematics: Stochastic Processes, Optimization, Numerical Analysis

Education

Metropolitan State University — St. Paul   December 2020
B.S. Industrial and Applied Mathematics
Graduate with Highest Honors
Kappa Mu Epsilon Mathematics Honor Society

University of Minnesota — Minneapolis / St. Paul   December 2020
Full-Stack Web Development Certification

Experience

Multimedia Technologies Instructor — Eastview High School (ISD 196)
Taught high school students to use industry-grade 3D modeling software
Designed and iterated upon 2.5 month curriculum for students to follow
Collaborated with full-time teaching staff
Exercised public speaking and interpersonal communication skills
Started as a volunteer, later promoted to an employee

Other Projects

Housing Prices
Completed a regression analysis in R on a large housing data set from Saratoga, New York.

Coffee Shop Service
Developed a composite stochastic model using Excel for service times at a local coffee shop based on data collected in the field.