Joshua Illg

14082 Dominica Ave

Apple Valley, MN

55124-7745

(612) 226-8695

jishllg@gmail.com

linkedin.com/in/joshuaillg

github.com/jishllg

jishllg.github.io/portfolio

A knowledgeable, self-motivated, and detail-oriented full stack web developer and applied mathematician 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

Projects

Machli Fitness — Deployment: http://bit.ly/3ahqPf0 Repository: http://bit.ly/3agJmIo

Constructed a clean, responsive frontend interface for a team project designed to connect exercise trainers with clients during a global pandemic.

Directory Page Generator — Repository: http://bit.ly/3moITr9

Constructed a Node-based CLI program which constructs a functional HTML page for an employee directory using given employee information.

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.