

# Chloe Dorst

c.dorst@mst.edu | 913.731.2872

## EDUCATION

### MISSOURI S&T

B.S. CHEMICAL ENGINEERING

May 2021 | GPA: 3.79 / 4.0

## COURSEWORK

Thermodynamics I & II

Transport Phenomena

Numerical Computing

Separations\*

Process Design\*

Reactor Design\*

(\*course to be taken Spring 2020)

## SKILLS

### PROGRAMMING

Over 5000 lines:

Java • Shell • JavaScript • Matlab

OCaml • Python • Rails •  $\text{\LaTeX}$

Over 1000 lines:

C • C++ • CSS • PHP • Assembly

Familiar:

AS3 • iOS • Android • MySQL

## EXPERIENCE

### CHEMICAL ENGINEERING INTERN

FIKE CORPORATION | COMBUSTION TESTING LABORATORY

January 2019 – August 2019 | Blue Springs, MO

- Created and implemented hazardous material handling procedures including a new chemical hygiene plan
- Developed documentation for ISO 17025 accreditation
- Researched new methods in dust combustion testing
- Collaborated with engineers and lab technicians to understand and solve problems during testing

### WRITING CENTER CONSULTANT

MISSOURI S&T | WRITING CENTER

August 2018 - present | Rolla, MO

- Reviewed student writing for accordance with writing conventions and document specific expectations
- Enhanced students' understanding of the writing process
- Refined personal writing and communication skills through work with students and fellow consultants

### COURSE GRADER

MISSOURI S&T | CE/ARCHE 2003

August 2019 - present | Rolla, MO

- Graded student writing for conformance to assignment expectations and basic writing conventions
- Communicated with course professor and teaching assistants to understand expectations for the course
- Established and maintained personal time table for grading and returning assignments

### CELLO INSTRUCTOR

August 2015 – December 2018 | Manhattan, KS & Rolla, MO

- Developed training plans for students across multiple years
- Coordinated lesson schedules with students' families and teaching facilities
- Personalized instruction to individual student skill level and learning style

## ACTIVITIES

MISSOURI S&T SYMPHONY ORCHESTRA | PRINCIPAL CELLIST

MISSOURI S&T CHAMBER ORCHESTRA | PRINCIPAL CELLIST