

CAMILLE FAATZ

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Summary: Newly-minted Mines civil engineer who makes things happen and takes pride in doing my job well. Looking to exercise my creative problem-solving skills and feed my passions to always be learning and to leave everything better than I find it.

RELEVANT EXPERIENCE

- Cementitious Materials Research Assistant - Colorado School of Mines** (Fall 2020)
- Created cement-tailings mixtures through experimentation to mimic and predict the long-term durability of geopolymers
- [Lab Technician Intern - Martin Marietta, CANCELLED DUE TO COVID-19] (Summer 2020)
- Moisture Calculation App** (Summer 2020)
- Designed and created a smartphone app to reduce the possibility of error in calculations for aggregate moisture burns
- Ready Mix Informational Interviews** (Summer 2020)
- Learned about factors in sales, customer service and typical issues, operations, and trajectories of the industry
 - Explored how quality is ensured at each plant (field testing, lab testing, calibrating machinery, transportation)
- Mix Design Lead - ASCE Concrete Canoe 2020** (2019-2020)
- Led mix design on a team of 8, worked with professionals at Martin Marietta to develop and test concrete mix designs
 - Performed concrete mixing and fresh concrete tests according to ASTM standards, learned details of mix design
 - Led team in canoe launch 8 months later to prove the seaworthiness of the canoe, despite a ridiculous number of obstacles
- Graphic Designer - Self-Employed** (2011-2018)
- Delivered graphics in all forms according to changing customer specifications using creative problem solving

SKILLS SUMMARY

CliftonStrengths: Restorative | Responsibility | Relator | Significance | Learner

Strengths: Proactive, organized, team-oriented, creative problem solver, precise, communicative, perseverant, adaptable

Lab/Field: Knowledge of concrete/aggregate/soil ASTM tests; technical writing, data analysis, experiment design, safety

Computer Programs: Microsoft Office Suite, R, AutoCAD Civil 3D, ArcGIS, Solidworks, Adobe Creative Suite, C++

Certifications: OSHA 30-hour Outreach Training: General Industry (2020)

EDUCATION

Colorado School of Mines, Golden, CO

(December 2020)

Major: **B.S. Civil Engineering**

GPA: 3.266 | Major: 3.525

Relevant Classes: Cementitious Materials, Project Engineering, Construction Engineering, Civil Engineering Materials (lab),

Advanced Soil Mechanics, Design of Reinforced Concrete, Soils Lab, Cement Chemistry, Sustainable Engineering Design, Foundations

Clubs/Organizations: ASCE, ACI, Mines Rugby, Filmmakers at Mines, Mines Without Borders

EXTRACURRICULAR & VOLUNTEER ACTIVITIES

Memberships: ASCE, ACI

Rugby, front-row/flanker: 2nd in the nation 2019; mental toughness, teamwork, coachability, self-improvement to benefit the team

Directed, produced, wrote, and edited a winning short film for fundraiser film festival: Managed and directed a team of 8; required planning, collaboration, spontaneity, communication, delegation, organization, flexibility, creating a positive work environment

Volunteered in building a mini 'M' at "Helluva Service Event": Public service in the form of construction/manual labor on a team