

Christopher R. Cattron, EIT
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Education	Missouri University of Science and Technology (Missouri S&T) M.S Civil Engineering , B.S. Civil Engineering	GPA: 3.9/4.0 Dec 2019, May 2018
Relevant Experience	Larson Engineering, Inc. Engineer Intern <ul style="list-style-type: none">Prepared structural design calculations and structural drawings for pre-fabricated steel and aluminum buildings including guard booths, equipment enclosures, and other structures.Designed using the latest codes and standards (IBC, ASCE, AISC, etc.).Utilized RISA-3D to model structural systems and analyze static loadsCreated and revised MathCAD calculation templates for use in the design of aluminum facade structural members and curtain-wall systems per the latest codes and standards.	St. Louis, MO Summer 2019
	Missouri S&T Civil Engineering Dept. Research Assistant <ul style="list-style-type: none">Prepare test specimens and perform tests in accordance with ASTM standardsCollect and prepare data for submission to research team leadMaintain condition of laboratory station and laboratory equipment	Rolla, MO July 2018 – Aug 2018
	Great Rivers Greenway Structural Engineer Intern <ul style="list-style-type: none">Performed field visits to over 100 pedestrian bridges and structural assets to gather data, record observations, collect measurements, and take photographs.Collected and uploaded relevant plans, drawings, and other documents for bridges to GIS asset inventoryModified bridge layer in GIS to better organize available data; drafted a user guide for the GIS layer.Presented summary of findings in an oral presentation and presented detailed findings in a written report	St. Louis, MO Summer 2017
	Concrete Strategies Inc. Project Engineer Intern <ul style="list-style-type: none">Oversaw site work for a concrete restoration job in St. Charles, MODetailed project objectives and timeline, with assistance of PM, and tracked progressInteracted with the public, city inspector, and sub-contractors courteously and professionally	St. Louis, MO Summer 2015
Work Experience	Missouri S&T Dept. of Residential Life Resident Director <ul style="list-style-type: none">Directly supervised, evaluated, and trained a team of 19 Resident Assistants and one Head Resident through one-on-one meetings, staff meetings, academic plans, and staff developmentHandled student conduct and student-of-concern cases in residence hall with nearly 700 studentsManaged and revised Residential Curriculum in first- and second-year communities	Rolla, MO Sep 2019 – May 2020
	The Community Partnership Recycling Coordinator <ul style="list-style-type: none">Manage a textile and salvage clothing recycling program for a not-for-profit thrift storeRecruit, train, and supervise volunteer groups of up to 50 volunteersProcess clothing donations and prepare salvage clothing for baling	Rolla, MO Jul 2018 – Sep 2019
Software	RISA-3D AutoCAD MathCAD Microsoft Word Microsoft Excel	
Memberships & Honors	American Society of Civil Engineers – Associate Member, since 2020 Chi Epsilon National Honor Society – Alumnus, since 2019 <i>Best Presentation</i> – Missouri S&T Chapter of Chi Epsilon National Honor Society – “Seismic Vulnerability and Retrofitting of Unreinforced Masonry Buildings”, 2019	