

Dawson Allen

(765) 722-0935

allends@rose-hulman.edu
<https://dawsonallen.github.io>

Objective:	Summer internship related to the field of civil engineering.		
Education:	Bachelor of Science in Civil Engineering, May 2021 Rose-Hulman Institute of Technology, Terre Haute, IN <i>Minor:</i> Economics <i>Related Courses:</i> Engineering Surveying, Geographic Info Systems, Graphical Communications, Intro to Design, Engineering Statics, Engineering Dynamics, Thermodynamics, Mechanics of Materials, Materials Science, Sustainable CE Design, Fluid Mechanics, Transportation Engineering, Structural Mechanics, Soil Mechanics, Hydraulics Engineering, Concrete Design, Steel Design	3.2/4.0 GPA	
Skills:	<ul style="list-style-type: none">▲ Surveying: total station, auto-level, GPS, project planning, etc.▲ ArcMap GIS, AutoCAD, Bluebeam, On-Screen Takeoff, minor coding skills with html, css, and c++▲ Presentation skills: presented to Carmel City Council, City Directors and private firms▲ Engineering Design Reports, Client Communications, Subcontractor Coordination, etc.▲ Communication skills demonstrated through experiences and leadership activities		
Experience:	ARCO National Construction, St. Louis, MO <i>Project Manager Intern</i> <ul style="list-style-type: none">▲ Assisted project managers in design coordination and review, project cost analysis, construction scheduling, permitting, communication with project stakeholders and subcontractors▲ Produced subcontract agreements, including scope of work▲ Coordinated bid information distribution, collection, review, and award processes▲ Reviewed project drawings for: comprehensive understanding of project scope, design revisions, reduced conflicts among drawings	Summer 2019	
	City of Carmel Engineering Department, Carmel, IN <i>Intern</i> <ul style="list-style-type: none">▲ Performed Street Light Study, analysis of current street light billing/technology and produced an engineering report of analysis completed▲ Designed concept layout plans for biking and pedestrian areas using AutoCad▲ Collaborated with city departments to maximize efficient administrative processes through “smart” technologies and automated payment methods▲ Gained knowledge of specific municipal government processes and objectives▲ Observed various construction methods and procedures (hydrodemolition, bridge rehabilitation, culvert replacement, lime stabilization, roundabout installation, etc.)	Summer 2018	
	Griffin Bike Park, Terre Haute, IN <i>Designer – Student Project</i> <ul style="list-style-type: none">▲ Designed training ‘drop-offs’ for variety of mountain biking skill levels (AutoCad)▲ Worked with park manager and staff to understand project scope▲ Coordinated volunteers from ASCE Chapter to build ‘drop-offs’ designed▲ Produced engineering design report, with team, for park’s overall improvements	Spring 2018	
Activities & Honors:	<ul style="list-style-type: none">▲ Rose-Hulman Men’s Indoor and Outdoor Track and Field Team, All-Conference▲ Rose-Hulman Student Government Association (SGA), Secretary▲ American Society of Civil Engineers (ASCE), Treasurer and Webmaster▲ Resident Assistant, Rose-Hulman Residence Life▲ Chesterfield Presbyterian Church, Intern, Summer 2019▲ Bridges of Indiana, Direct Support Professional, Summer 2017▲ Camp Barnabas, Missionary, Summers: 2012 – 2017		