

Dawson Allen

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Personal Website: <https://dawsonallen.github.io>

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> Fluid Mechanics, Transportation Engineering, Structural Mechanics, Soil Mechanics, Hydraulics Engineering, Concrete Design, Steel Design	3.3/4.0 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>	Summer 2019
	<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	
	City of Carmel Engineering Department, Carmel, IN <i>Intern</i>	Summer 2018
	<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.)	
	Griffin Bike Park, Terre Haute, IN <i>Designer – Student Project</i>	Spring 2018
	<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	
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▲ Jim Diehl Memorial Scholarship, Recipient, 2019-20▲ Cecil T. Lobo Civil Engineering Scholarship, Recipient, 2019-20▲ Asphalt Pavement Association of Indiana Scholarship Award, Recipient, 2019▲ Chesterfield Presbyterian Church, Intern, Summer 2019▲ Bridges of Indiana, Direct Support Professional, Summer 2017▲ Camp Barnabas, Missionary, Summers: 2012 – 2017	