

Dawson Allen

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Objective: Summer internship related to the field of civil engineering and/or economics.

Education: **Bachelor of Science Civil Engineering, May 2021** 3.0/4.0 GPA

Rose-Hulman Institute of Technology, Terre Haute, IN

Minor: Economics

Related Courses: 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

Skills:

- Surveying: total station, auto-level, GPS, project planning, etc.
- ArcMap, AutoCAD, 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, etc.
- Communication skills demonstrated through experiences and leadership activities

Experience: **City of Carmel Engineering Department, Carmel, IN** Summer 2018

Intern

- 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

Spring 2018

Training Drop-Off Designer

- 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

Bridges of Indiana, Muncie, IN

Summer 2017

Direct Support Professional

- Aided clients with disabilities/special needs in the community
- Drove, motivated, and assisted with communication barriers for clients
- Enabled them to be involved in the community and events

Honors:

- Rose-Hulman Track and Field: All-Conference
- Yorktown High School, *the* male recipient Courtesy and Leadership Award
- Yorktown High School, Academic All-State, (5) Athletic MVP Awards, Team Captain, (8) Varsity Letters

Activities:

- Rose-Hulman Men’s Indoor and Outdoor Track and Field Team
- American Society of Civil Engineers (ASCE), Treasurer and Webmaster
- Kid’s Hope Program, mentor
- Griffin Bike Park, volunteer
- Camp Barnabas, missionary
- Yorktown High School, National Honor Society Vice President