

Marshall T. Heyda

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SUMMARY

Recent engineering graduate determined to pivot into software development. Adept and highly flexible learner passionate about personal and professional development with prior experience in leadership, management, and engineering design.

SKILLS & CERTIFICATES

Coding: Java, Python, HTML, CSS, MATLAB

Frameworks, Libraries, & Technologies: Bootstrap, Git

Certificates:

- Data Structures & Algorithms (Georgia Tech Professional Education via edX)
- Introduction to Object-Oriented Programming with Java (Georgia Tech Professional Education via edX)
- CS50x (Harvard University via edX)

EDUCATION

Auburn University | Auburn, AL

GPA: 3.92

Bachelor of Civil Engineering

May 2021

Coastal Alabama Community College | Bay Minette, AL

GPA: 4.00

General Education Coursework

May 2018

WORK EXPERIENCE

LBYD Engineers

Birmingham, AL

Structural Engineering Intern

May – August 2021

- Analyzed structural building/foundation models to aid the design process by leveraging multiple software programs
- Liaised with clients and stakeholders to ensure optimal design conception, planning, and execution

Auburn University, Department of Civil Engineering

Auburn, AL

Teaching Assistant – Structural Analysis Laboratory

January – May 2021

- Led 47 students by teaching foundational-level structural analysis principles through interactive lab procedures
- Taught technical writing best practices to improve written communication skills among fellow engineering students

Evergreen Construction

Atlanta, GA

Field Engineering Intern

August – December 2019

- Managed 20 subcontractors and problem solved on-the-go to ensure quality control of materials and workmanship
- Presented new recordkeeping system to boost project close out efficiency and voted best presenter among 5 interns
- Constructed a \$35M gym/fine arts high school addition by interpreting plans, details, and specifications

Office Engineering Intern

January – May 2019

- Organized and processed construction support documents to close out a new \$40M high school construction project
- Maintained construction schedule and budget by coordinating with subcontractors and reviewing activity reports

LEADERSHIP, SERVICE, & AWARDS

Chi Epsilon – Civil Engineering Honor Society

Auburn, AL

Vice President, Auburn University Student Chapter

May 2020 – April 2021

- Boosted student performance on civil engineering licensure exams by coordinating weekly subject review sessions
- Established an online course with information and resources for students to prepare for engineering licensure exams

American Society of Civil Engineers

Auburn, AL

Treasurer, Auburn University Student Chapter

May 2020 – April 2021

- Executed accounting operations to balance transactions from career fairs, fundraisers, and promotional giveaways
- Prepared a comprehensive budget to confirm the feasibility of all meeting, event, and conference expenditures

John A. Manning Math Award

- Recognized as the top math student at Coastal Alabama Community College for the 2017-2018 academic year
- Selected for award by the Chair of Mathematics at CACC for exceptional performance in three calculus courses