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, C, MATLAB

**Frameworks & Technologies:**

**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

About section for linkedin: