

# Courtney E. Long

Smyrna, GA 30080 | (770) 881- 5883 | courtneylong877@gmail.com

## Summary

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Achieved a Bachelor of Science in Mechanical Engineering degree. Has a strong desire to learn and create. Engineering experience includes inspecting structures and tanks/vessels, analysing stress on components using Compress, FEA Analysis, and hand calculations, and produces the results in excel produced formal reports. Interests include design, creating, testing, and operation management. Possesses a hard working, positive attitude and is ready to take on any challenge.

## Skills

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- Excellent communicator, and works well with teams to keep focus and inspire ideas.
- Strong attention to detail in a fast paced environment.
- Extensive knowledge of SolidWorks, AutoCAD, engineering drawings/drafting, MATLAB, Compress, Ansys, and Microsoft Office.
- Capable of managing teams and dealing directly with Clients.
- Proficient in mathematics and mechanical design.

## Education

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### KENNESAW STATE UNIVERSITY | MAY 2020

- Bachelor of Science in Mechanical Engineering
- Relevant Coursework:  
Technical Writing, Circuits, Engineering Graphics, MATLAB, Product Realization, Fluid Mechanics, Strengths of Materials, Calculus III, AutoCAD, Heat Transfer, Thermodynamics, Machine Design.

## Work Experience

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### CONSULTANT I | APPLIED TECHNICAL SERVICES | FEB. 2019 - CURRENT

*Marietta, Georgia*

- Inspects tanks, vessels, or any structure that needs to meet a safety code in order to provide clients with information on how to properly repair/maintain their equipment.
- Oversees the Co-op program by hiring, training, and managing a group of college students within the company.
- Organizes and assists in managing company outages to ensure the safety and efficiency of the work being performed.
- Communicates directly with Clients to provide them with answers to any questions they have or to supply them with all the information or changes they require.

### SERVER | BD'S BURGER BAR | MAY 2018 - SEPTEMBER 2018

*Smyrna, Georgia*

- Multitasked to deliver food, keep the dining area clean, performed side work, and boosted customer satisfaction using proper organization, a positive mood, teamwork, and efficiency.

# References

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**John Loesel | Applied Technical Services | Senior Consultant**

**Contact:** *jloesel@atslab.com | 678) 993 - 5009*

**Jonathan Skoczylas, P.E. | Applied Technical Services | Senior Engineer**

**Contact:** *jskoczylas@atslab.com | 478) 955 - 1391*

**Anthony Calvanese, P.E. | Vanderlande**

**Contact:** *678) 447 - 4225*