Daniel Teal

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Education

2015–2019	**University of Texas at Austin**.
	Mechanical Engineering & Mathematics, 3.97/4.00.
	(materials science, thermodynamics, fluid mechanics, differential equations)
2011–2015	**Liberal Arts and Science Academy High School**.

Experience

11/16–now	**Zheng Research Group**, *research assistant*.
	Reviewed microfluidic plasmonic nanostructures.
11/15–11/16	**UT Advanced Manufacturing Center**, *research assistant*.
	Designed and fabricated head impact metrology equipment.
9/15–now	**UT Longhorn Maker Studios**, *student assistant*.
	Taught for and maintained laser cutters and 3D printers.
6/15–8/15	**UT Applied Research Laboratories**, *intern*.
	Acoustically detected unmanned aerial vehicles.
9/11–6/15	**FIRST Tech Challenge Robotics Team**, *design & build lead*.
	Lead team to become 2014-2015 world competition finalists.

Activities & Honors

3/16–now	**UT Longhorn Maker Studios Club**, *president*.
9/15–now	**UT IEEE Robotics & Automation Society**, *apprentice webmaster*.
9/15–now	**ASME**, *student member*.
11/16–now	**Tau Beta Pi**, *engineering honor society member*.
12/16–now	**Pi Tau Sigma**, *mechanical engineering honor society member*.

Skills

CAD	SolidWorks, Fusion 360
Programming	Rust, C/C++, Python, Java, LabVIEW, TI-BASIC
Software	Linux, Windows, Excel, MATLAB, LaTeX, Word
Tooling	laser cutter, FDM 3D printer, (CNC) mill, oscilloscope, SEM