

2025 Summer Tech Internship Schedule

v250602

	Monday, June 16, 2025	Tuesday, June 17, 2025	Wednesday, June 18, 2025	Thursday, June 19, 2025	Friday, June 20, 2025
9:00	Welcome/Introductions Project Introduction	Lab Skills Breadboards Power Supplies ESD	Electricity Introduction Ohm's Law DMMs  I/O Voltages/Currents		Work Plan
	Connect, Boot, and Update RPis				
10:00	Programming & Python Intro Variables, Expressions, & Statements <b>Three Questions</b> <b>Rectangle Area Calculator</b>	Python Functions <b>Area of Circle Function</b>	Python Functions & Decisions Review more Iteration – Images	Python Reading & Writing Files	Python Modules
11:00	Python Debugging Turtle Graphics For Loops <b>Turtle Graphic using for loop</b>	Python Decisions more Iteration <b>Randomly Walking Turtle</b>	Python Strings & String Operators Lists	Python Dictionaries	
12:00	Lunch	Lunch	Lunch	Lunch	Lunch
13:00	End-to-end Application Data to Internet	I/O Introduction Classification of I/O Devices Digital I/O	Analog Input  Sensors	I/O Serial Buses	Internship Project Presentations  10 minutes plus 4 minutes questions Per student
14:00					
	Wrap up	Wrap up	Wrap up	Wrap up	Wrap up