Aaron Dunnigan and Daniel Lokas Robotic Arm Bill of Materials

Please fill this out for all parts that will be required for your project.

If you cannot find information, move on and ask your instructor when emailing this to them.

Item #	Description	Vendor	Part Number	Qty	Cost	Link to Where to Purchase
1	iMBAPrice® 5V DC Wall Power Adapter - 5.5mm x 2.1mm plug 2A(2000mA) UL Listed Power Supply (5-Feet, 5V 2A(2000mA)	Fablab	XH0500-20001	1	$0.00	https://www.amazon.com/IMBAPrice-Adapter-Listed-Supply-5-Feet/dp/B00GUO5WUI/ref=as_li_ss_tl?ie=UTF8&qid=1533394229&sr=8-3&keywords=DC%2B5V%2Bpower&linkCode=sl1&tag=howto045-20&linkId=b241c68f60eb10e244ed5ea9f08c9acf&th=1
2	Seeed Studio XIAO ESP32-S3	FabLab	B092S2KCV2	1	$0.00	https://www.amazon.com/Raspberry-Pi-Pico-RP2040-microcontroller/dp/B092S2KCV2/ref=sr_1_1?crid=11VXNE3CDXPIR&dib=eyJ2IjoiMSJ9.rwPJEyohcQ6Q9Y7CCTN-AHwpTWu4B6k9C6XNm2bt5NiU8Nr2VbYsedwaZFtiDhyJf0hg8kJzARV045uO8wORy9hoMi1qjiwkUe2fTixf5Nr6MHVLWiNuyjMsdtTyYAOcwEZN4v5djlU5_aluW6QNXFpEWWwEm69
3	4Pcs SG90 9g Micro Servos for RC Robot Helicopter Airplane Controls Car Boat	Amazon	B07MLR1498	3	$7.99	https://www.amazon.com/Micro-Servos-Helicopter-Airplane-Controls/dp/B07MLR1498?crid=GE0AQEOIKH0G&keywords=SG90&qid=1668339645&sprefix=9g%2Bservo%2Bmotor%2Caps%2C539&sr=8-8&th=1&linkCode=sl1&tag=howto045-20&linkId=6fdd2d64320cbe9133dc62e4ee9e75d5&language=en_US&ref_=as_li_ss_tl
4	20KG Digital Servo High Torque Full Metal Gear Waterproof for RC Model DIY, DS3218MG,Control Angle 270°	Amazon	DS3218MG	3	16.99	https://www.amazon.com/ANNIMOS-Digital-Waterproof-DS3218MG-Control/dp/B076CNKQX4
5	Assortment of screw, nuts, and bolts	FabLab		1	$0.00	
6	Protoboard	FabLab		1	$0.00	
7	Breadboard	FabLab		1	$0.00	
9	PLA Filament	FabLab				