**Senior Design Project: Pack It - SW/HW List (Part 2)**

***Students:***

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***Project Advisor:*** Professor Miad Faezipour

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| --- | --- | --- | --- | --- |
| **Item** | **Cost** | **Quantity** | **Total** | **Link** |
| ELEGOO Mega 2560 Complete Starter Kit | $59.99 | 1 | $59.99 | <https://amzn.to/35PW0JA> |
| 4 Piece 50kg Load Cell with Arduino Module | $8.99 | 2 | $17.98 | <https://amzn.to/31AzqBe> |
| 15.6 in. Charcoal Lightweight Backpack | $32.99 | 1 | $32.99 | <https://amzn.to/2qzH5mR> |
| Portable Charger  24800 mAh Black | $29.95 | 1 | $29.95 | <https://amzn.to/32xOu3W> |
| Soldering Iron Kit (US Kit) | $34.99 | 1 | $34.99 | <https://amzn.to/2qqgFDJ> |
| Force Sensitive Resistor 0.5” | $6.95 | 3 | $20.85 | [http://bit.ly/2VymcgE](http://bit.ly/2VYmcgE) |
| Force Sensitive Resistor – Square | $11.25 | 3 | $33.75 | <http://bit.ly/32A5Flz> |
| Force Sensitive Resistor – Small | $6.95 | 3 | $20.85 | <http://bit.ly/2o103BE> |
| Force Sensitive Resistor – Long | $20.95 | 3 | $62.85 | <http://bit.ly/33UaXIV> |
| Vibration Motors | $7.99 | 1 | $7.99 | <https://amzn.to/33QFZkN> |
| Mannequin | $71.99 | 1 | $71.99 | [https://amzn.to/2NdvRf5](https://www.amazon.com/Realistic-Mannequin-Display-Turns-Dress/dp/B071WFG2V4) |
| **New Additions** | | | | |
| Raspberry Pi 3 B+ | $69.99 | 1 | $69.99 | https://[amzn](https://www.amazon.com/CanaKit-Raspberry-Premium-Clear-Supply/dp/B07BC7BMHY/ref=sxin_2_ac_d_rm?ac_md=1-1-cmFzcGJlcnJ5IHBpIDMgYis%3D-ac_d_rm&crid=1GB8JO6RPVYQ6&keywords=raspberry+pi+4&pd_rd_i=B07BC7BMHY&pd_rd_r=1cd8a9c1-a2f4-4463-b978-cd21d5ebe7d5&pd_rd_w=YbZIz&pd_rd_wg=F5hhA&pf_rd_p=e2f20af2-9651-42af-9a45-89425d5bae34&pf_rd_r=X78TF37NW99XKPGCF1EV&psc=1&qid=1577407923&sprefix=ras%2Caps%2C160).to/2tPyoGl |
| Micro SD Card | $16.99 | 1 | $16.99 | https://amzn.to/[2EXM18J](https://amzn.to/2EXM18J) |

Overall Total (Old): $394.18

New Additions Cost: $86.98

Overall Total (New): $481.16