CubeSatSim Project

An Educational Project Sponsored by AMSAT



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CubeSatSim.org

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|---|---|--|
| David White, WD6DRI | Kerry Bonin, KJ7HTG | Villanova University, Villanova, PA CubeSat Club and Spring 2019 and 2022 ECE 1205 Freshman Projects classes |
| | Jim Nagle, KF4OD | |
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| | Kai Ji, AC3EN | Low Pass Filter Design |
| Sopwith, N1SPW | Thank You! | and Testing |
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What is a CubeSatSim?

■ Uses a 3-board stack that contains a Raspberry Pi single board computer, an Arduino compatible microntroller, rechargeable batteries, voltage/current sensors, and environment sensors.



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Get Involved Identify receptive forums Evangelize the project - Universities / Community Colleges - The official CubeSatSim Project Twitter account is @CubeSatSim - Elementary / Middle / High Schools https://twitter.com/CubeSatSim - Youth groups - We use the hashtag #CubeSatSim - Museums & Libraries to highlight our activities Build a CubeSatSim Borrow a CubeSatSim Loaner Fully open source – about \$400 to build - AMSAT members can borrow a Contribute to AMSAT Education Fund loaner to show at an event or in a classroom ****** CubeSatSim Project 14 14



