



Arkansas Academy of Computing Newsletter

April 19, 2021

Join and Share with us on social media here



I've been working on a little real-time automation project on my boat. Things have certainly changed in the last decade or so, I have 8 tiny **4mb** computers, esp8266's, connected to a Raspberry Pi **8GB ram**, connected to my NMEA 2000 network on the boat. Each little computer (esp8266) has Wi-Fi and between one and four data sensors. Input is converted from analog and communicated to the Pi which converts the protocol from SignaK to NMEA 2000. All of this computing power, for around \$200, not including the boat. It sure is funny to think of all of the detailed real-time information that flies thru my little network. I can see

Arkansas Computer Science Students of Distinction Award

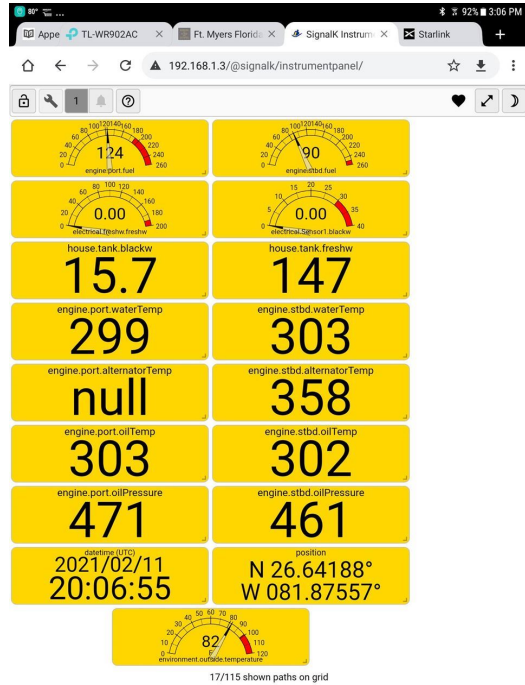
We won a grant from Arkansas Community Foundation, IMPAC fund. This grant will allow Arkansas Academy of Computing to provide awards to High School students who win the award. The grant is for \$6000 per year for three years. We must raise an additional \$2000 per year to fully fund the project.

You can make your donation at

[Donate to Students of Distinction Project](#)

everything from how full the tanks are, to five different engine temperature locations on the cooling system of each engine.

Eugene Jones



Note! This will show up as Annual Meeting Fund, don't worry we will move it before the annual meeting!

If you are interested in helping out, please contact Carl (501-860-0141) or Eugene (501-231-8860).

Arkansas Academy of Computing Scholarship Success Story, attending UCA



Arkansas Academy of Computing YouTube

Presentation made at the Arkansas Academy of Computing's Annual Meeting Oct. 24, 2020. The fantastic CAST presentation was made by Jack Cothren and Malcolm Williamson. Learn how people are using the data that apps on your cell phone collect!

[Mobility and Covid-19](#)

Scholarship donations are appreciated at:

[General Scholarship Fund](#)

Gavin Epperson is a junior at the University of Central Arkansas. After graduating Benton High School in 2018, he took interest in UCA's Honors College and its Department of Computer Science. He is pursuing a Bachelor's Degree in Computer Engineering and is actively involved with UCA's Computer Science Club and Cybersecurity Club. He served as Treasurer

In the News

Carl Frank Finalist for Computer Science Educator of the Year

[Digital Olive Story](#)

[Two educators finalists for Computer Science Educator of Year award](#)

Don't miss [Adita Karkera](#) speach at this year's [#MITCDOIQ](#) event! She was recently inducted as a fellow of the Arkansas Academy of Computing for her contributions to computing in Arkansas. She has also been recognized by StateScoop and Women in IT Awards for her exemplary work. <http://ow.ly/r1KC50E0Q6Z>

Mary Hunt

[Pilgrimage of Peace focuses on ending violence, remembering victims](#)

THV11.com KTHV

... **Arkansas** Coalition for Peace and Justice, Jessica Scott with Moms Demand Action, Dr. Donnal Walter with World Beyond War, **Mary Hunt** with Pax.

Jerry Adams

[Arkansas Research Alliance adds 8 members; 2 have ties to area](#)

of the Computer Science Club for the 2019-2020 school year and works as a research assistant on-campus at the Intelligent Embedded Systems Lab. Gavin is interested in both the hardware and software within computers and is eager to start work somewhere in Arkansas after he graduates.

Computing History

We are thinking of having a monthly or semi-monthly Computing History Zoom meeting. Would you attend?

Proposed topics might include:

- History of Computing at UA Fayetteville
- IBM in NW Arkansas in the 1960s
- Early Computers in Banks, or Retail or Agriculture or ...
- ArkNet
- GIS in Arkansas

Reply to:

ejones@connect4business.com

Dues can be paid at:

[Dues Fund](#)

Arkansas Online

New members include two with southeast **Arkansas** ties. The ARA ... "The ARA Academy is ready for growth," **Jerry Adams**, ARA president, said.

If you or another member is in the press, please email ejones@connect4business.com

[Unsubscribe](#)