Leveling Up Your Computer Science (or Tech) Education Offerings

Ruthe Farmer

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About Me

20+ years in tech inclusion

- Founder & CEO – Last Mile Education Fund
- Chief Evangelist – CSforALL.org
- Senior Policy Advisor for Tech Inclusion – White House Office of Science & Technology Policy (Obama Administration)
- Chief Strategy & Growth Officer – National Center for Women & IT (NCWIT)
- Tech & Engineering Program Mgr - Girl Scouts of the USA

Decoding the Tech Ed Word Salad

CS Education Ecosystem

Join CSforALL to connect…

White House Summit on Computer Science for All

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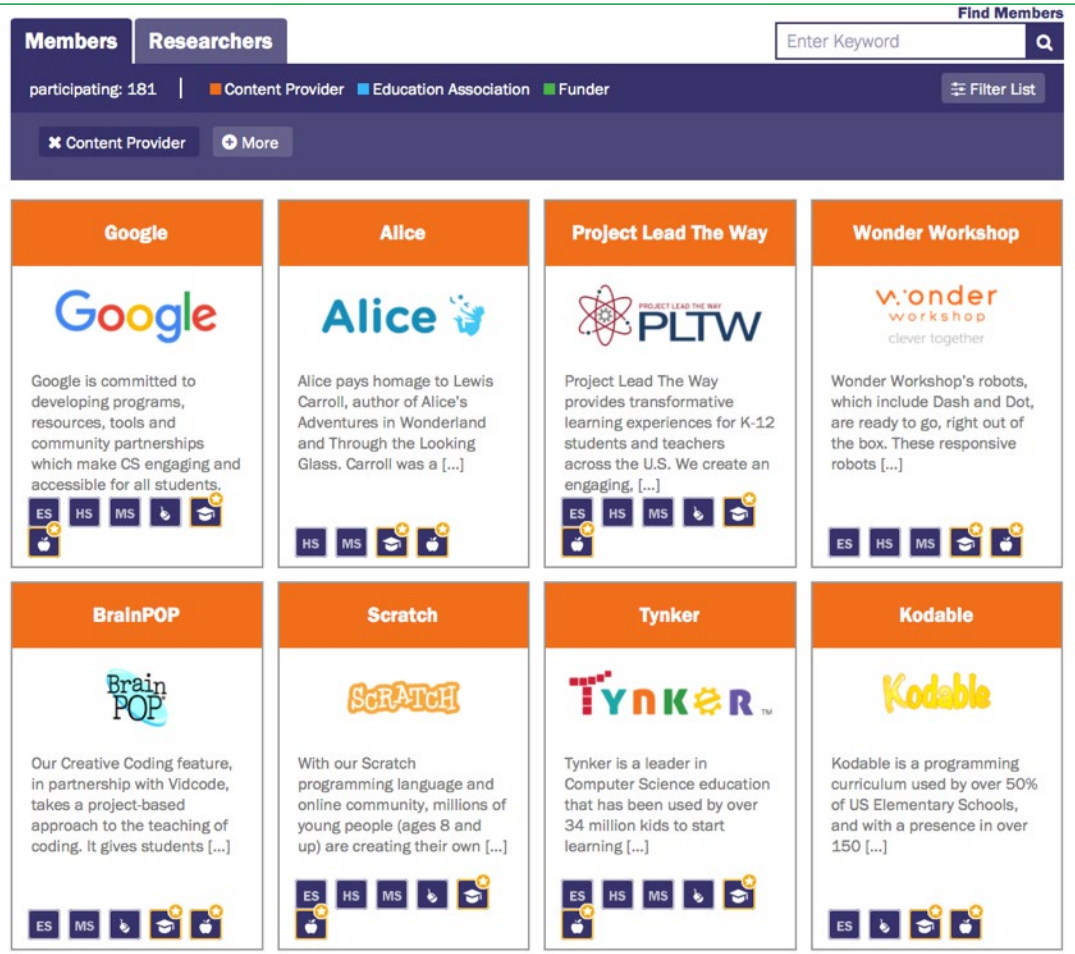
September 14, 2016

to Resources



CsforALL

www.csforall.org

181 Curriculum & Content Providers

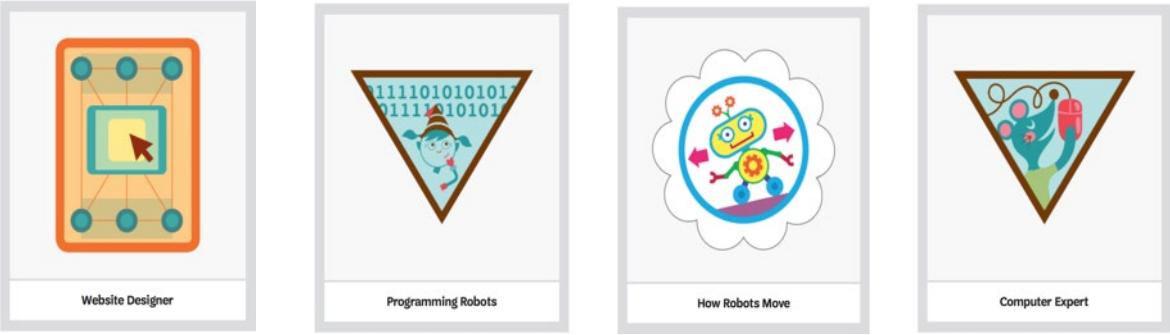
Also filter by:

- Audience
- Setting
- Age Level
- & more…

Partners, and more…

Unlikely Partners

girl scouts + paloalto NETWORKS



78 badges exploring computer science, engineering & cybersecurity for ALL girls, forever.

Unlikely Partners

JROTC-CS Advisory Consortium

Goals

- Legislation and funding to prioritize evidence-based CS & cybersecurity within the JROTC infrastructure
- Design and test a scalable implementation model in partnership with the JROTC

Unlikely Partners - Examples

Wash Time is Talk Time – Early childhood literacy

Coin Laundry Association & Too Small to Fail

Deep Blue – Artificial Intelligence & Agriculture

Future Farmers of America & Microsoft

Project Code Nodes – Coding Clubs for Rural Black Girls

West Virginia University & the Partnership for African American Churches

Recommendations

- Map your community – you have more assets than you think
- Understand the 360° experience of your students – school, afterschool, home, faith, community
- Factor in barriers students face to participation – transportation, funding, language, family understanding, connectivity
- Enlist parents/families – biggest influence on interest and persistence in STEM
- Leverage existing infrastructure – school time, out-of-school youth infrastructure, civic and faith-based orgs

Questions & Discussion

Thank you!

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