

Avey Couloute



<https://10tonolimit.com/> www.girlsintocoding.com



github.com/Avmaker/

AWARDS

- The Big Issue Changemaker (2023)
- National Lottery Young Hero Award (2022)
- Amazing Maker Award: Science Category (2022)
- UK Young Engineer of the Year (2022)
- WeAreTheCity Rising Star Award: Technology (2022)
- Forbes 30 Under 30 Class of 2022: Social Impact
- Rotary Young Citizen Award (2022)
- Nat West 2022 Wise100
- 2022 Honours List: OpenUK
- Tech4Good People Award
- TechWomen100 Awards
- Women In Tech Aspiring Teen Award
- FDM EveryWoman in Technology Awards - The One to Watch
- 30 women in robotics you need to know about
- Princess Diana Legacy Award
- Princess Diana Award
- Inspiring Juniors UK

CORE COMPETENCIES

- Robotics
- Coding
- Engineering
- Design
- Computing
- 3D printing
- Project development
- Public speaking
- Innovation
- Entrepreneurship
- Teaching
- Leading workshops

Programming Language

- Python
- CircuitPython
- MicroPython

Design

- Computer Aided Design (CAD)
- TechSoft 2D Design
- Tinkercad

PROFESSIONAL SUMMARY

Innovative multi-award-winning tech maker, social entrepreneur, female tech advocate and workshop leader, with a passion for inspiring more girls into Tech. Founder of Girls Into Coding (GIC), a unique initiative which offers regular free workshops to girls aged 10-14 to allow them to explore coding, physical computing & robotics. The success of GIC has enabled me to participate in international events, lead regular tech workshops, give video presentations, write blogs, and have several articles published. As a member of the DesignSpark-RS team, working as a project influencer, I worked on an exciting IoT Air Quality Project where I explored how spaces can monitor CO2 levels & respond to improve user experience.

EXPERIENCE

11/2018 - Current

Girls Into Coding, Founder

- Established 'Girls Into Coding', to organise a series of coding events targeting girls.
- Empowering girls through hands-on tech activities.
- Providing learning opportunities for girls between the ages of 10 and 14.
- Creating workshops and education events to immerse young people in a range of STEM activities.
- Engaging 1000+ girls every year in unique hands-on workshops in physical computing, coding, robotics, 3D design & 3D printing.
- Organising inspiring talks from women and girls doing amazing things in STEM.
- Encouraging more girls to become involved in STEM.
- Creating opportunities to engage girls to consider STEM education and careers through hands-on workshops and events.
- Proactively advocating for greater diversity in the tech sector.
- Adapted to the pandemic by delivering remote hands-on workshops via Zoom.
- Designed & manufactured a range of robotics kits for participants in the live online workshops.

EVENT PARTICIPATION

Participated in the following events:

- Big Bang Fair, 2022
- Collision Tech Conference, April 2021
- WeAreTechWomen: One Tech World Conference, 2021
- STEAM Youth & Community Conference: San Diego University, 2021
- Microsoft International Digi Girlz UNESCO, 2021
- Microbit Live 2020, Dec 2020
- Arm Dev Summit, October 2020
- CMC Changemakers video, July 2020
- Microbit Live 2019 Conference BBC MediaCity, Nov 2019
- Stemettes Future Summit, July 2019
- Mobile World Congress Barcelona, February 2019
- Bett Show, January 2019
- Red Hat CO.LAB, January 2019
- Mozilla Festival, 2019
- Maker Faire Rome 3 Day Event, Oct 2018
- World Summit AI, Oct 2018
- Young Coders Conference, 2018

Achievements

- Have delivered hundreds of hands-on workshops, both face-to-face and virtual through Girls Into Coding events and various outreach programmes.
- Established a business model that allows all of the workshops and resources to be delivered free of charge.
- Our virtual events have reached and engaged young girls from across 16 different countries.
- Have delivered 34 virtual events, comprising well over a hundred free robotics, coding, physical computing, and 3D design workshops.
- Achieved a 78% increase in participants in 2021 despite the ongoing pandemic.
- 90% of attendees are now interested in further STEM activities or education.

INTERVIEWS

- ITV Good Morning Britain, 2022
- BBC London News, 2022
- GB News Live, 2022
- We Are Tech Women: One World Tech Conference 2022
- Collision Tech Conference 2021
- WeAreTechWomen: One World Tech Conference 2021
- STEAM Youth & Community Conference 2021
- Microsoft International Digi Girlz UNESCO 2021
- Microbit Live 2020
- Arm Dev Summit 2020
- Mobile World Conference Barcelona 2019
- Cajigo: Women Talk Tech series
- The Female Lead, September 2020
- Interview with Ian Bernstein, founder and Head of Product at @MistyRobotics
- Interview with Microsoft CloudSkills Show, Dec 2020
- Women in Tech Week, July 2020
- BAFTA Young presenters, October 2020
- Women Rock
- Womanthology
- Interview with GLAM (Girls Leadership Academy Meetup)
- Raspberry Pi Foundation
- CoderDojo Foundation