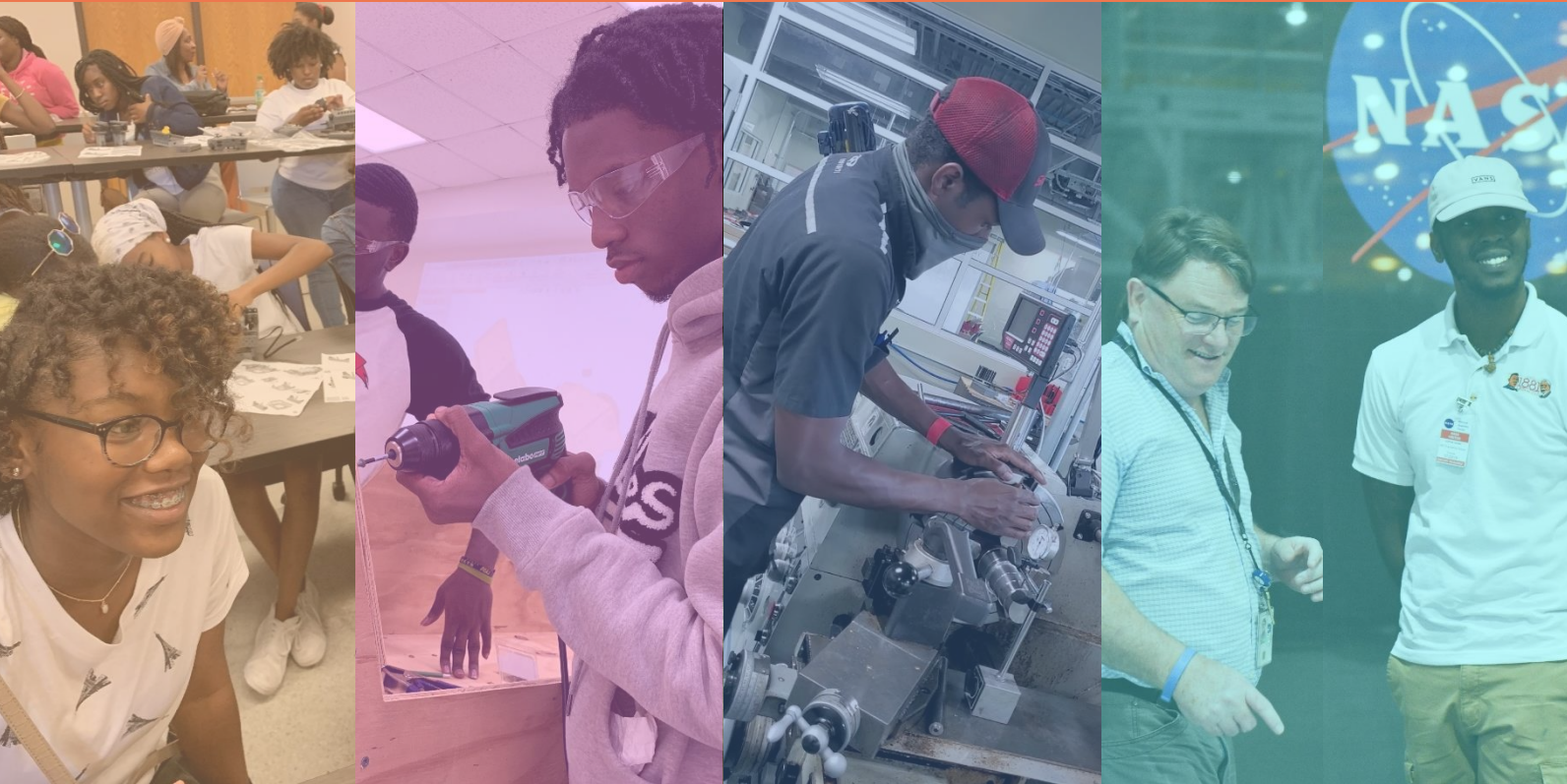


THE 1881 INSTITUTE

A WORKFORCE DEVELOPMENT INITIATIVE IN ENGINEERING & TECHNOLOGY

OUR QUALITY PRE-APPRENTICESHIP PROGRAMMING

www.the1881institute.org



Our Vision

To encourage and nurture renewed growth in advanced manufacturing, while facilitating the increased participation of underrepresented populations in Industry 4.0 careers regardless of their social, emotional, academic, or disability status.



What We Do

1881 is a workforce development initiative that consists of a set of interventions to meet the needs of out-of-school youth, vulnerable populations in high school, and unemployed young adults. We support the Department of Labor's emphasis on registered apprenticeships and quality pre-apprenticeships as pathways to family-sustaining wages.

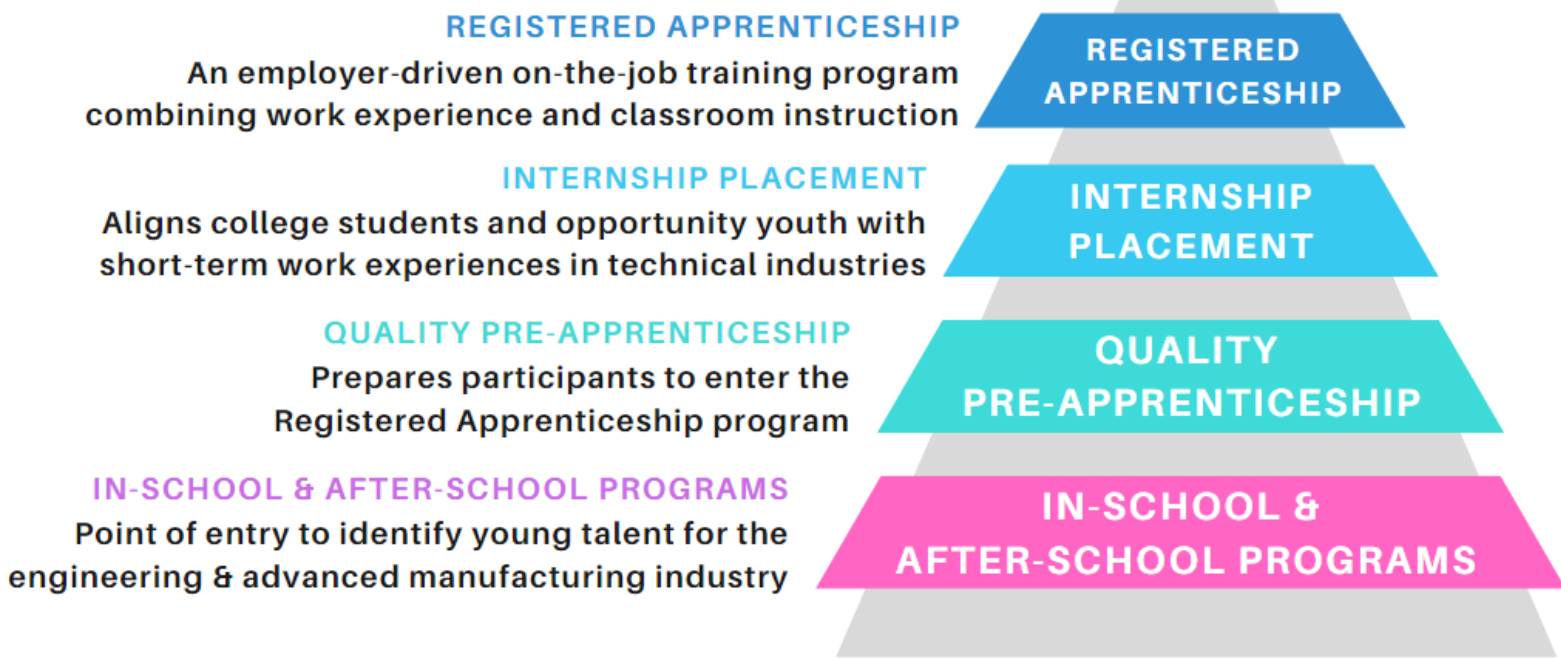


Why We Do It

1881 enriches the lives of youth and young adults, including the disability community, by providing the social, vocational, and academic supports necessary for success in Registered Apprenticeship programs commonly aligned with engineering and technology careers.



OUR REGISTERED APPRENTICESHIP PROGRAMMING PYRAMID



The 1881 Institute includes four levels of programming that we refer to as our “programming pyramid.”

The base of the pyramid represents a critical point of entry to identify young talent for the advanced manufacturing industry. This is our “*In-School & After-School Programs*” level where our programs introduce students to engineering through rapid prototyping, which reinforces math, science, and analytical skills currently lacking within the school’s curriculum. The 1881 team designed and created a series of booklets that were distributed to students and young people by our STEM partners.

The second layer of the pyramid is our “*Quality Pre-Apprenticeship*,” which bridges the gap between education and employment, providing participants with a solid foundation to pursue a career in engineering and ensuring a smooth transition into a related registered apprenticeship or other employment opportunities.

The third layer of the pyramid is 1881’s “*Internship Placement Program*,” which facilitates the placement of young adults in short-term employment opportunities. The goal of the program is to provide participants with an opportunity to gain real-world experience, explore career paths, develop professional networks, and enhance their employability.

The 1881 Institute’s “*Registered Apprenticeship*,” is approved by the Louisiana Workforce Commission and is registered with the Department of Labor. It exists at the top of the pyramid because it offers the most benefits for both apprentices and employers. For apprentices, they provide a pathway to gain industry-relevant skills, earn a wage during training, and launch a successful career. For employers, apprenticeships offer a talent development strategy, ensuring a skilled workforce that meets their specific needs and contributes to their business success.

THE 1881 INSTITUTE

EVIDENCE OF SUCCESS



Rena Lewis worked at 1881 during her senior year at Southern University in Baton Rouge. Rena's story is exceptionally special because she turned down an internship with Entergy to work with 1881 during the summer of 2016. 1881's staff felt obligated to connect her with an industry employer and upon graduation she was offered a job in Florida with Lockheed Martin.



Taylor Williams worked at 1881 after completing her 1st year at Tuskegee University. After interning with 1881 for two summers, 1881 worked with Taylor on her resume & interviewing skills that landed her an internship with UTC Aerospace Systems. Taylor was coached throughout her internship and received an offer from UTC Aerospace for a permanent position after graduation.



Adam Saleh was a college sophomore in 1881's 2019 program and designed a mixed reality system. He presented his project to industry professionals at NASA and as a result, he was invited to pitch his prototype to Unity Technologies. Unity offered him a summer internship, but Adam declined their offer to work for a venture capital firm that invests in new products.



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Taylor Williams



Gina Allen



Rena Lewis



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Ingenuie Fields



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PARTNER WITH US

1881 has thrived on philanthropic initiatives and endeavors. To support future growth, relevancy, as well as sustainability, we are now actively partnering with the publicly funded workforce development system under the Workforce Innovation and Opportunity Act (WIOA) to scale efforts and reach more vulnerable youth.

We are continually seeking new and innovative partnerships to support our students and our programming. Help us grow! Contact us today!

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