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The Hidden Genius Project: Empowering Black Youth in Responsible AI and Tech

Introduction: Why Responsible AI Education Matters for Underrepresented Youth

Two Hidden Genius Project participants collaborate on a coding project.

Artificial Intelligence is rapidly reshaping our world, from the apps on our phones to the systems that make big decisions. But if only a narrow slice of society is creating these AI tools, we risk building technology that overlooks or even harms entire communities [1] [2]. This is why bringing underrepresented youth into AI development is so vital. Not only do diverse voices help prevent biased algorithms, they also ensure that **everyone** shares in the benefits of the tech revolution. *"Everybody deserves a chance to prove their worth… and The Hidden Genius Project is a huge part in trying to provide that to a group who historically hasn't had the opportunities,"* says Donovan Nutting, a youth educator with the program [3]. In other words, when Black youth are empowered to learn and create with AI, it's good for them *and* for technology as a whole. They have the talent and perspective to shape the industry in ways we've never seen before – as one tech leader puts it, *"Black people across the diaspora are so influential in AI and technology. We have the brain and human capital to really shape up the industry like we've never seen before."* [4]. Today, we're exploring how one organization is doing exactly that: The Hidden Genius Project is helping Black male youth connect with artificial intelligence and responsible technology development, and in the process, transforming lives.

Background on The Hidden Genius Project (Mission and Origins)

The Hidden Genius Project is a nonprofit on a mission to train and mentor Black male youth in technology creation, entrepreneurship, and leadership skills – ultimately to **transform their lives and communities** [5]. It all started in Oakland, California back in 2012, when five Black male entrepreneurs and technologists grew alarmed at a troubling contrast: high unemployment among Black youth in their city, even as the tech industry boomed around them [6]. Instead of accepting that status quo, these founders created an organization to bridge the gap. They designed a program to connect young Black men with the skills, mentors, and experiences they'd need to become high-performing technologists and entrepreneurs in the 21st-century economy [6]. Fast forward to today, and what began in one city has blossomed into a nationally-recognized movement. The Hidden Genius Project is headquartered in Oakland and now operates programs in multiple cities including Richmond, Los Angeles, Detroit, Chicago, Atlanta, and Baltimore – even extending its reach abroad through international workshops in London, Johannesburg, and beyond [7]. Yet through all this growth, the core idea remains the same: there is untapped "hidden genius" in our communities, and with the right support, these young people can shine. As CEO Brandon Nicholson emphasizes, the very name "The Hidden Genius Project" serves as a constant reminder of their purpose – never to underestimate the potential of their youth, and never to hide the powerful words of their mission in an acronym [8]. By investing deeply in Black male youth, the project aims to uplift not only those young men, but also to spark change that radiates out to families, neighborhoods, and the broader tech culture.

Programs and Pathways: From Coding Basics to AI Mastery

The Hidden Genius Project's model is intensive, holistic, and **evolves with the times** to meet youth where they are [9]. Their flagship offering is the 15-month **Intensive Immersion Program**, which provides a *student-centered, project-based* learning experience [10]. Over more than 800 hours of instruction and mentorship, high school-aged "Geniuses" gain hands-on skills in computer science and software development, while also diving into entrepreneurship and leadership training [11] [12]. This immersion isn't just about coding in isolation – it's about nurturing well-rounded young leaders who can collaborate, solve real problems, and envision themselves in the tech world with confidence.

Within this program, AI has become a big focus. In fact, during the second summer of the Immersion, participants can opt into a dedicated **Artificial Intelligence track** that influences their capstone projects [13]. Here's how the journey is structured:

- **Tier 1: Intensive Immersion Program – AI Introduction:** Geniuses first build a foundation in programming and critical thinking, then branch into specialization. Those on the AI track explore the intricacies of artificial intelligence and how it intersects with other areas like gaming and social justice tech [14]. They engage in community-based projects as well, partnering with local businesses or civic organizations for real-world exposure [15]. Finally, each student creates a capstone project to showcase their skills (often an app or game with a community benefit), and the cohort celebrates their graduation as they become alumni [15].

- **Tier 2: Mastery Class for Alumni – Deepening Skills:** After graduation, Hidden Genius alumni can step into the Mastery Class, which acts as a *next-level extension* of what they learned in Immersion [16]. In this stage, the young men deepen their technical expertise (including more advanced AI and

computing topics) while also refining their approach to entrepreneurship and **social justice leadership** [16]. The goal is to prepare these alumni not just to participate in the tech field, but to become innovators and changemakers within it. In essence, Tier 2 turns recent high school graduates into budding professionals who can lead projects, launch ventures, and mentor others.

- **Tier 3: A.I. Studio – Leadership in Artificial Intelligence:** The newest and most advanced tier is the Artificial Intelligence Studio, a year-long intensive for select alumni and Youth Educators who want to become experts in AI [17]. This studio immerses participants in the **six branches of AI** – machine learning, neural networks, robotics, expert systems, fuzzy logic, and natural language processing [17]. Alongside targeted training, they gain industry experience by attending tech events, conferences, and seminars, rubbing shoulders with AI professionals [18]. By the end of the journey, each "Genius" completes a capstone project demonstrating mastery of AI concepts, often incorporating a culturally relevant twist or solving a community problem [19]. *"A.I. has been called the most impactful technology of our lifetime… At The Hidden Genius Project, we want to make sure we are giving our Geniuses the knowledge and the resources not just to keep up with the changes that AI will bring, but to take part in shaping the field and ultimately their future,"* explains Gemeny Givens III, one of the program's Innovation Educators [20]. This ethos of **responsible** AI development – not just using the tech, but guiding it with intention and ethics – is woven through all of the program levels.

It's worth noting that beyond these core tiers, The Hidden Genius Project also runs shorter-term **Catalyst programs** and community workshops (like their annual "Brothers Code" events) to spark interest in tech among an even broader group of youth. But for those young men who dive into the full 15-month + alumni track, the organization provides a continuum of growth from novice coder to confident, socially-conscious tech leader. They are effectively building an ecosystem where learning never really ends; alumni return as instructors, passion projects turn into startups, and the network of "Hidden Geniuses" keeps expanding.

Participant Spotlight: Justin's Journey from Shy Teen to Tech Innovator

To understand the impact of The Hidden Genius Project, let's look at it through the eyes of one young man who lived it. *Meet Justin Hull*, a student from Detroit who joined the program's first cohort in that city. Before becoming a "Genius," Justin actually **wasn't** very enthusiastic about signing up – by his own admission, he was shy, kept to himself, and often lacked motivation in school [21]. *"When Mr. Malcolm (the Detroit Site Director) told my dad about it, I didn't want to join at first,"* Justin recalls, since he had just finished a separate week-long game dev camp and wasn't keen on another commitment [22]. But after some thought (and a nudge from his dad), he decided to give the Immersion Program a shot. **Everything changed once Justin entered the program**. He learned to open up socially and connect with his peers, thanks to the brotherhood and positive environment he found. He also discovered new passions: Justin delved into coding, web design, and particularly a game development track that he loved [21]. For his final project, he created a first-person adventure game called *"Survive The Horde"*, complete with waves of enemies and a boss battle, which was so impressive that Justin earned the **Baba Lemon Best App Award** at the end-of-summer showcase [23] [24]. It was the first time he'd ever won something so big, and it lit a spark of confidence. *"I have never achieved something as big as that… it made me feel like I could achieve anything,"* he shared after winning [25].

Perhaps even more important than the technical skills, Justin grew on a personal level. He describes how the sense of community in the program helped him come out of his shell: *"There's this feeling you get when you join a program with people you all have a shared interest with, and everyone looks like you; it's that difference that makes The Hidden Genius Project so special."* [26] Surrounded by mentors and peers who he calls his "brothers," he began to believe in himself and aim higher. The program took Justin and his cohort on a trip to tour the University of Michigan's technology and robotics departments – an experience that *"opened up my eyes"* and inspired him to set his sights on attending U of M as a computer science major [27]. In Justin's own words, *"Being included made me feel less of an outcast… everyone had a shared interest and looked like you. That difference gave me courage."* [26] By the time he graduated high school, this once-reserved kid had transformed into a motivated coder brimming with ideas (in fact, he's now working on a new game in Unreal Engine on his own time [28]). He even came back to help teach at a **Brothers Code** event, paying forward what he'd learned by introducing adults to coding basics alongside one of his cohort brothers [29]. Justin's journey shows how a supportive learning community plus exposure to cutting-edge tech can unlock a young person's potential.

And Justin is far from the only "Hidden Genius" with a story like this. For instance, **Ezra Tramble**, an alum from Oakland, also started out hesitant about joining – *"I didn't want to join at first,"* he admits – but a friend convinced him, and Ezra went on to **win** the Best App Award in 2020 for a cryptocurrency portfolio app he built himself [30] [31]. Now Ezra is pursuing Electrical Engineering and Computer Science at UC Berkeley, a path he says was shaped by the skills and mentorship he gained in the program [32]. Dozens of such success stories have emerged: students who discover a love for technology, land internships or college scholarships, start companies, or return as mentors in the program's growing alumni network. The common thread is that The Hidden Genius Project helps these young Black men see themselves as innovators – as geniuses – which is a powerful shift in mindset. Once that switch flips, their achievements follow suit.

Broader Context: The Importance of Inclusivity in AI

At this point, it's clear that The Hidden Genius Project is changing lives. But their work also speaks to a bigger picture: making the tech world (and specifically AI) more inclusive and equitable. Why does this matter so much? Consider the current landscape: Black Americans make up about 12% of the U.S. labor force, but only roughly 8% of workers in tech jobs [33]. In specialized fields like artificial intelligence, the representation gap is even wider. When the teams building AI don't reflect the diversity of society, the AI systems themselves can inherit blind spots and biases. We've already seen examples of AI algorithms that struggle with accuracy for people of color, or facial recognition that works better on lighter skin tones than darker skin – issues that arise in part because the engineers and data sets behind these tools weren't diverse enough. As one report put it, **when AI systems fail to reflect human diversity, they don't just make mistakes, they** exclude** [2]. They can unintentionally limit how certain communities are seen, represented, or served by technology. Ensuring more voices at the table is a way to guard against that outcome.

Inclusivity in AI is not only about preventing harm; it's about actively creating opportunity. The AI-driven economy is projected to grow enormously in the coming years, and we want underrepresented youth to share in that growth rather than be left behind. The skills that programs like The Hidden Genius Project impart – from coding and data science to critical thinking about ethics – position young people to step into high-potential careers. And with those careers, they can help shape products and companies that address the needs of **their** communities (needs that others might overlook). This is why diversity isn't just a buzzword in tech; it's a game-changer. By cultivating a new generation of Black AI engineers, entrepreneurs,

and researchers, we increase the chances that future technologies will be fair, creative, and beneficial to a broader slice of humanity. It's a positive feedback loop: **the more inclusive the pipeline of talent, the more inclusive the innovations** that come out the other end [34] [35].

Programs like The Hidden Genius Project demonstrate what's possible when we invest in inclusivity from the ground up. These young men are proving that talent is everywhere, if we only nurture it. They're entering college and the workforce with robust tech skills and a mindset to use those skills responsibly. Some are already contributing to open-source projects, starting their own ventures, or mentoring the next cohort of students. In the long run, this could help shift the demographics of Silicon Valley and beyond. Imagine a future where a substantial segment of AI developers and tech CEOs are people of color who carry with them a sense of social responsibility – it could profoundly influence the kind of tech that gets built. As we heard earlier, *"We have the brain and human capital to really shape up the industry"* [4]. Inclusivity in AI is about unlocking that capital and making sure the **"genius"** in every community isn't left untapped.

Closing: Impact, Inspiration, and a Call to Action

In just over a decade, The Hidden Genius Project has made a remarkable impact. **Since 2012, nearly 11,100 students have revealed their "hidden genius"** through the project's Immersion programs, short-term workshops, and community partnerships [36]. The results speak volumes: over 95% of participants graduate high school (far above the national average for Black male students) and the majority go on to pursue college majors or minors in STEM fields [37] [38]. These young men are landing internships at top companies, earning awards for their apps and projects, and becoming leaders on their campuses and in their neighborhoods. But the numbers only tell part of the story. Equally powerful are the personal transformations – students finding confidence, discovering passions, forming lifelong brotherhoods, and realizing they have a place in the tech world. Each success story like Justin's or Ezra's has a ripple effect: it changes not just that one life, but also challenges stereotypes and inspires others in the community.

Perhaps what's most inspiring is that this model can be replicated and expanded. The Hidden Genius Project is showing the tech industry that **the talent is there**, and it flourishes when given attention and care. As they continue to scale up (with new cities, more alumni programs, and even international collaborations), they are lighting a path that others can follow. More organizations and educators are now asking how we can bring marginalized youth into AI and software development in meaningful ways – and learning from Hidden Genius's playbook of cultural relevance, mentorship, and high expectations.

So what can *we* do moving forward? For one, we can support and celebrate these initiatives. If you're moved by the mission, consider getting involved – whether by volunteering time, mentoring a young person, or contributing resources to programs focused on diversity in tech. As The Hidden Genius Project's motto suggests, there are countless bright young minds "hidden" in plain sight, **waiting to shine**. It's on all of us to help them step into the spotlight [36]. That might mean advocating for equitable education in our schools, sponsoring a coding event, or simply encouraging a curious kid who loves science fiction to try a programming class. The next generation deserves an equitable A.I. future [39], and we each have a role to play in making that a reality.

In closing, the story of The Hidden Genius Project is a hopeful one. It shows how a small group of committed people can spark a movement that changes lives and begins to reshape an industry. It reminds us that genius has no single look or home – it resides in every community, just waiting to be unlocked. And it underscores that by teaching young Black men to build and **lead** in technology, we're not only creating

opportunities for those youth, we're also steering the future of technology toward greater justice and creativity. That's a mission worth amplifying. So let's take inspiration from these "hidden geniuses" and continue the work of connecting underrepresented youth to AI and responsible tech development. In doing so, we'll help ensure that the future of AI is one where *everyone* can see themselves – both in the creation of the technology and in the benefits it brings. **That** is the equitable future The Hidden Genius Project is striving for, and it's one we can all get behind. [20] [3]

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[1] [2] [34] [35] Why Diversity in AI Matters: Moving towards inclusivity and away from bias - Artificial intelligence
https://nationalcentreforai.jiscinvolve.org/wp/2025/06/30/why-diversity-in-ai-matters-moving-towards-inclusivity-and-away-from-bias/

[3] [10] [12] The Hidden Genius Project empowers young black males in Baltimore through tech training - CBS Baltimore
https://www.cbsnews.com/baltimore/news/the-hidden-genius-project-empowers-young-black-males-tech-training-innovation-empowerment/

[4] [33] Breaking barriers in the tech industry for Black professionals - DefenderNetwork.com
https://defendernetwork.com/news/black-tech-industry-disparities/

[5] [6] About - The Hidden Genius Project
https://www.hiddengeniusproject.org/about/

[7] [8] [11] The Hidden Genius Project
https://www.csis.org/analysis/hidden-genius-project

[9] [13] [14] [15] [16] [17] [18] [19] [20] [39] Artificial Intelligence (A.I.) Studio - The Hidden Genius Project
https://www.hiddengeniusproject.org/responsibleai/

[21] [22] [23] [24] [25] [26] [27] [28] [29] [36] JUSTIN HULL, DET1 - The Hidden Genius Project
https://www.hiddengeniusproject.org/justin-hull-det1/

[30] [31] [32] EZRA TRAMBLE, OAK7 - The Hidden Genius Project
https://www.hiddengeniusproject.org/ezra-tramble-oak7/

[37] [38] Alumni - The Hidden Genius Project
https://www.hiddengeniusproject.org/alumni/