

THE NEXT STEP A TANGIBLE RE-ENTRY

The Next Step provides disengaged youth with opportunities to learn in-demand skills others are taking for granted. It draws inspiration and resources from established programs such as:

Khan Academy: <https://www.khanacademy.org/>
Studio.Code.Org: <https://studio.code.org/courses>
mBlock: <http://www.mblock.cc/>
W3Schools W3CSS: <https://www.w3schools.com/w3css/default.asp/>
The Linux Foundation: <https://www.linuxfoundation.org/>
The Last Mile: <https://thelastmile.org/>

Local and international activities are combined into unique, inspiring and relevant face to face learning experiences. Class sizes are usually between 15 - 25 ensuring all participants receive quality instruction. Laptops are available if needed.

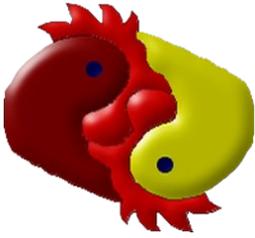


Activities range from basic literacy and numeracy skills to website creation and open source certification - a pathway to real jobs including, but not restricted to:

Upskilling incarcerated people
Teaching kids to code
System administrator

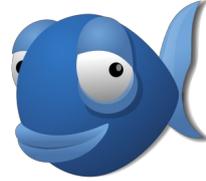
Designing Websites
Software developer
Application developer

The location for delivery of the classes, free to participants, will be determined once a client group and venue are secured.



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Applications:



Draft Timetable: *(content and times are indicative only)*

Khan Academy - Literacy and Numeracy	12 hours
Block Coding - Code.org, scratch, mBlock	12 hours
Script Coding - html5 canvas, python	12 hours
Collaborative Project - relevant to participants	ongoing
Website Design - W3CSS templates	12 hours
Certification - Open Source basic skills set	12 hours
Presentation - demonstrate skills to industry	TBA

Why Learn to Code?

https://www.youtube.com/embed/AI_dayIQWV4

<https://www.youtube.com/embed/dU1xS07N-FA>

<https://www.youtube.com/embed/Ok6LbV6bqaE>

<https://www.youtube.com/embed/k6uaQ-RRXdw>

Future Programs:

Classes of this nature will act as a blueprint for future projects involving other disenfranchised youth. Those completing the program will be encouraged and supported in the delivery of their skills.

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Credentials:

Masters Degree in Education.

TAE40116 - Training and Assessor

30 years computer programming

Blue Card: 830369/2 15-Dec-2020

The Last Mile

<https://thelastmile.org/>

The Last Mile (TLM) was created to provide programs that result in successful reentry and reduce recidivism. We believe that jobs are the key to breaking the cycle of incarceration. Our mission is to provide marketable skills that lead to employment. Our in an out program provides career training in prison with mentorship and job placement upon release.

TLM began as an intensive 6-month entrepreneurship program at San Quentin, in which men learned how to tap into their passion to create a business that includes a technology component and social cause. At Demo Day in front of 350 invited guests from the business community and fellow inmates, they pitch their ideas. Many say it's the best day of their life.

Through the process, they learn how businesses function, how to work with a team, accept criticism, gain confidence in their ability to grasp new ideas, and pivot when they are heading down the wrong path. With the help of volunteers, guest speakers, and leaders from the business community, they are introduced to the latest technology without access to the internet or hands on experience.

In 2014, TLM launched the first computer coding curriculum in a United States prison (Code.7370), in partnership with the California Department of Corrections and Rehabilitation (CDCR) and CalPIA. The men learn HTML, JavaScript, CSS, and Python. In addition to these front end skills, the curriculum will expand to include web and logo design, data visualization and UX/UI.

Since Internet access is not allowed in prison, programs are taught without connectivity. To overcome this challenge we created a proprietary programming platform that simulates a live coding experience. Imagine, software engineers who are judged by the quality of the code they develop, not by the stigma of criminality.

It is predicted that there will be a shortfall of 1 million software engineering jobs in 2020. The TLM "returned graduates" will be positioned well to leverage this opportunity and support our mission to reduce recidivism by attaining gainful employment.

In 2016 we launched [TLMWorks](#) web development shop inside San Quentin to employ graduates as software engineers.

