2019

## ANNUAL REPORT

BRIDGING THE TECH DIVIDE
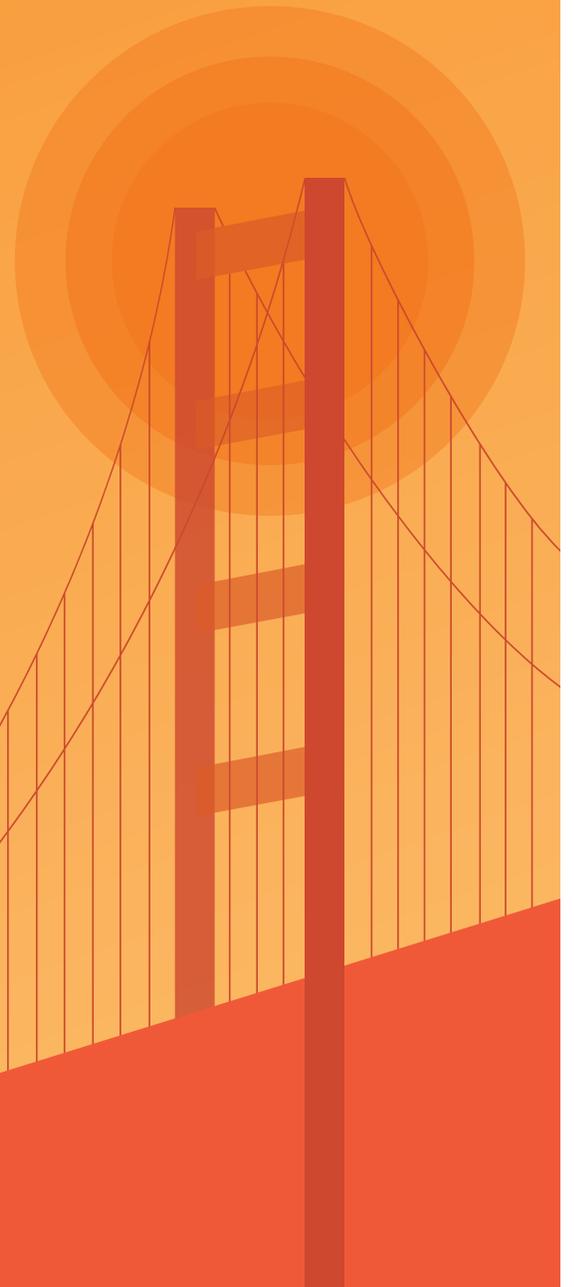
missionbit

Greetings Mission Bit Community

Dear Friends,

Thanks to the incredible generosity of our supporters, 2019 was a year of growth and new beginnings. Mission Bit has a long-standing commitment to increase equity and inclusion in computer science education. The future of our youth is our top priority.

The reality is that the digital divide is denying equitable access to essential education technology for the students who need it most. We believe that empowering our youth and equipping them with 21st century skills will help solve important issues in our communities. Our youth will have the skills to create innovative solutions that serve us all.

We believe that when we empower youth to see a better future and provide accessible programs, we can transform the course of their lives. Support from our community and allies like you directly impacts the youth we serve, inspiring them to realize their full potential and equipping them with the skills to compete in today's global economy.

Thanks to our partners in San Francisco and Oakland, our passionate and talented team, our committed sponsors, and our government funding, we have impacted the education of over 3,800 youth.

I invite you to join us on this journey. Together, we are stronger and have the opportunity to create a more just and equitable society for future generations.

In Community,

CEO, Mission Bit

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MISSION *

Mission Bit is dedicated to inspiring and empowering students to unlock their full potential. We build professional pathways for under-resourced high school youth across the San Francisco Bay Area by making computer science more accessible through our free project-based courses.

VALUES

CHALLENGE

Despite being the heart of the tech industry, the Bay Area is home to thousands of high school students who lack access to computer science courses. The majority of these students are from backgrounds that are underrepresented in the tech industry: Black, Latinx, and female.

Social Justice	Community	Love	Accountability	Smart Risks
Providing equal opportunities for the underrepresented & under-resourced	Cultivating a supportive environment of like-minded peers	Practicing empathy, honesty, and openness	Embracing the responsibility to inspire future generations	Encouraging the pursuit of passions

At Mission Bit, our core values are important to us and ingrained in everything we do, especially our curriculum. Our Web Design class focuses on students not just learning a new programming language, but also how to utilize their new skills to create meaningful technologies for the whole community. Similarly in our Unity Game Design class, students think critically about how they can disrupt the video game market by creating games that are fun to play and tell a story that can help to change how users see the world.

We empower our students to be social innovators who drive real-world impact through web design, game design, and app development. Our students explore civic issues to create an impact-focused project to showcase to the public at our end of semester event, Demo Day.

Mission Bit builds strong relationships with local tech organizations to give students real-life exposure to the industry. We recruit tech professionals as volunteers to ensure students receive guidance and mentorship to explore possible careers in tech and further their journey in coding.

COURSE OFFERINGS

Web Design 101	Unity Game Design	Android App Development
(HTML, CSS, Javascript)	*(C#)*	*(Java)*

COMMUNITY

Sarai | STUDENT

I was always encouraged to explore coding by my older brother, and I knew I needed to start somewhere. After completing a semester of Intro to Web Design at Mission Bit, I have taken an interest in coding and have been eager to learn more. I am unsure of what I want to be when I grow up, but I know that what I learned at Mission Bit will help mold my career path.

Alyssa | STUDENT

I took my first class at Mission Bit as a sophomore without knowing much about computer science. Since joining the Mission Bit community, I have gained more experience and exposure to coding as well as getting the chance to work with lots of great people. Mission Bit has played a big part in this journey, and has given me plenty of perspective on what it's like in the tech industry.

Vincent | STUDENT

I am a sophomore at Galileo High School. When I first heard of Mission Bit I thought it was a great opportunity to get more advanced in coding. I tried the program and I loved it. After joining and now still being enrolled in a class, Mission Bit has made me more passionate about coding. I want to go into the computer science field and I hope to become a software engineer. The community is also very friendly and dedicated. I would recommend Mission Bit to anyone interested in coding.

Indya | VOLUNTEER

I've been so fortunate to move to Silicon Valley and give back to students who are just like me at Mission Bit. I'm grateful for every opportunity and want to continue to guide and inspire the next generation of engineers.

Sebastian | VOLUNTEER

As a professional mobile developer, I am always impressed with students building complex games with advanced mechanics. I enjoy volunteering at Mission Bit because you get to learn from bright students each semester. The staff truly cares and it's a major highlight each week.

WHO WE SERVE

365
STUDENTS SERVED IN 2019

3,865
STUDENTS SERVED TO DATE

83%
PUBLIC SCHOOL STUDENTS

52%
RETURNING STUDENTS

16
AVERAGE AGE

82
CLASSES TAUGHT TO DATE

90%
STUDENTS OF COLOR

Age:

- 18-19 — 22%
- 16-17 — 50%
- 14-15 — 19%
- Not Listed — 9%

Gender:

- Male — 63%
- Female — 35%
- Other — 2%

Ethnicity:

- 49% Asian
- Black 16%
- White 9%
- Other/Multiracial 9%
- Hispanic / Latinx 17%
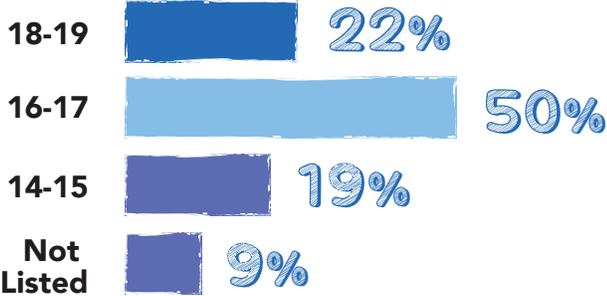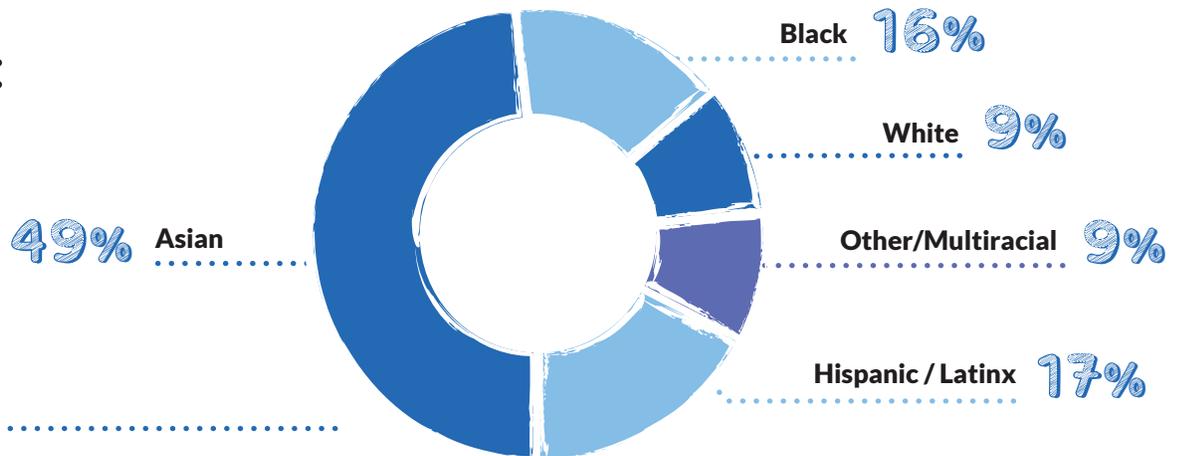
Post Surveys Data:

57%
of students got to their MB class by walking or public transport

95%
of MB students are considering studying CS in college after their first MB class

43%
of MB students plan on studying CS in college

92%
of students would recommend MB to a friend

99%
of MB students thought their instructor was an effective lecturer/demonstrator

STUDENT ADVISORY BOARD

This fall Mission Bit added its first ever Student Advisory Board (SAB) providing young adults the opportunity to build leadership skills, serve as ambassadors, help us ensure that our work consistently supports our mission and amplifies youth voices. Their roles range from working on workshop curriculum, and planning events to writing youth-led grants.
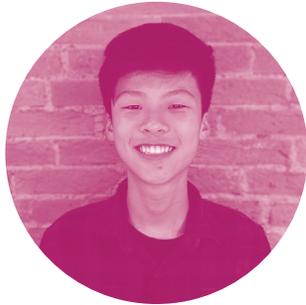
Alexander
Lowell High School

Bryan
Gateway High School

Derick
Wallenburg High School

Ernest
Washington High School

Fatimah
Lincoln High School
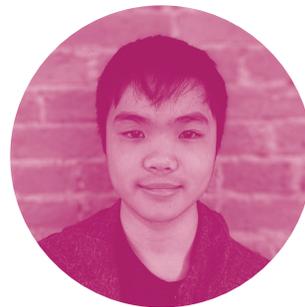
Oscar
Lowell High School

Tara
Lowell High School

Trent
Skyline High School

2019 EVENTS

3RD ANNUAL GALA

Our 3rd Annual Gala was a huge success! The Honorable London Breed, Mayor of San Francisco, was in attendance. We were also joined by hundreds of supporters from across the Bay Area.

CODE MEETS GIRL

Our Code Meets Girl event was in partnership with TechWomen, an initiative of the U.S. Department of State's Bureau of Educational and Cultural Affairs. Our students had the chance to work with a diverse group of STEM leaders from around the world.

2019 EVENTS

MLK CODES DAY

We partnered with Handshake to donate 50 laptops to Dr. Martin Luther King, Jr. Academic Middle School in San Francisco and brought a full day of coding activities on-site.
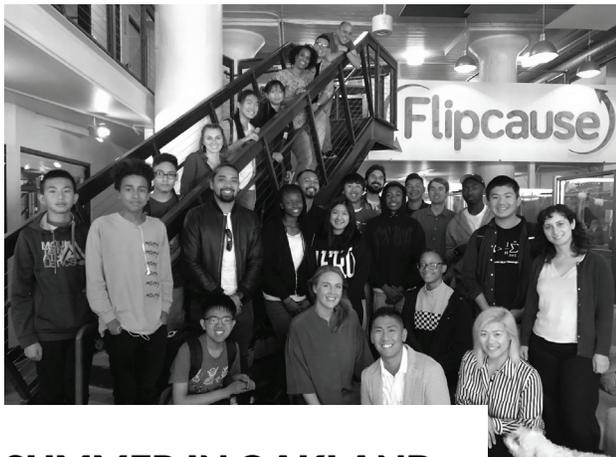
SUMMER IN OAKLAND

This summer we partnered with College Track Oakland to host our summer bootcamp at their location and visited the team at Flipcause for one of our field trips.


DEMO DAY AT UNITY

Demo Day is our culminating end of semester event where we celebrate our students hard work and dedication. This Summer, Unity Technologies hosted us at their office and our students showcased their projects to the community.

VISION 2021 ✳

We are bridging the tech divide by delivering engaging courses that reach all neighborhoods, so every student enjoys an equal opportunity to contribute to the global technology revolution. We believe that newly empowered tech innovators, who reflect our diversity, will develop innovations that serve our whole community.

SCHOOL SITES
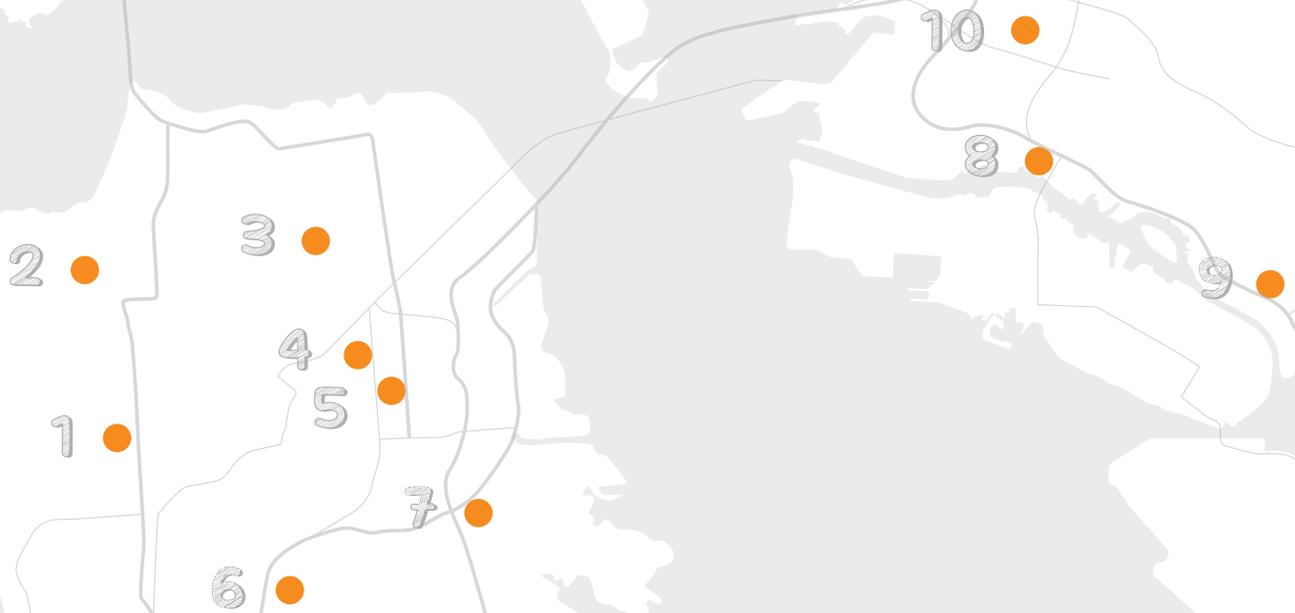
1   Lincoln High School

2   Washington High School

3   Gateway High School

4   Mission High School

5   CCSF Mission

6   Leadership High School

7   Thurgood High School

8   College Track Oakland

9   Arise High School

10   McClymonds High School

REVENUE & PARTNERS

Revenue:

Earned Revenue
$5,000

Government Grants
$440,906

Corporations
$11,461

Individuals
$77,707

Foundations
$85,000

Special Events
$114,847
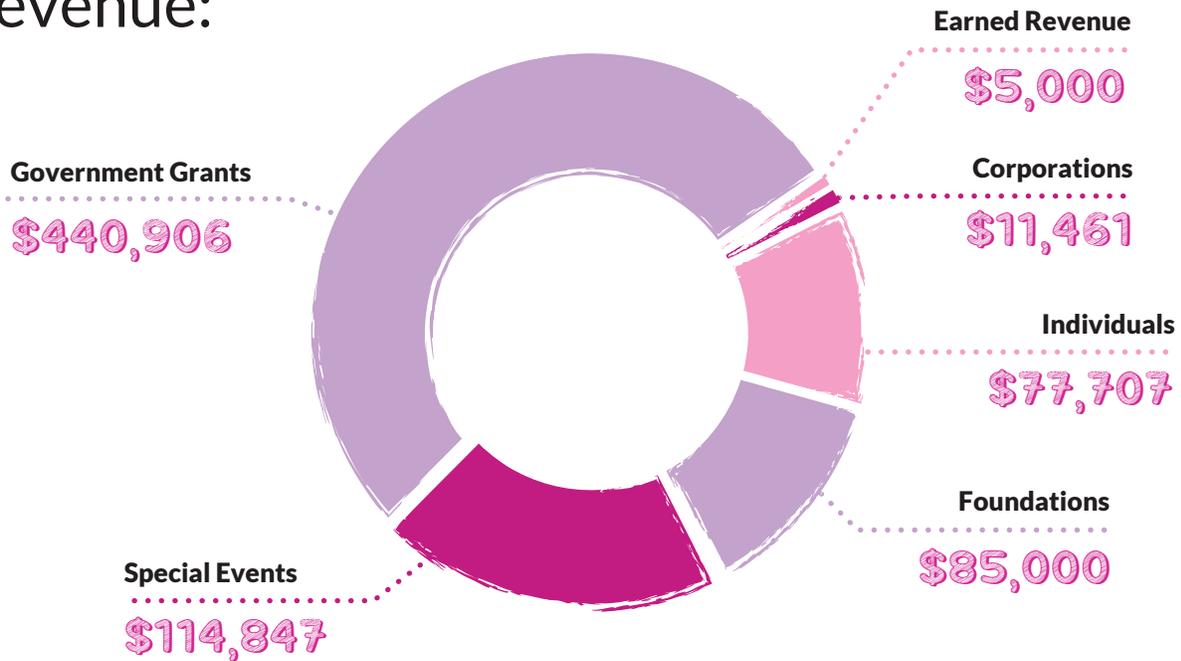
Corporate & Community Partners

City College of San Francisco

College Track

Facebook

Gateway High School

Glyph

Golden State Warriors Foundation

Halcyon Financial Technology

Jyve

Kapor Center

Leadership High School

San Francisco Department of Children Youth and their Families

San Francisco Foundation

San Francisco Office of Economic Workforce and Development

San Francisco Unified School District

Silicon Valley Bank

TNG

TranscendIT Health

Uber Technologies

Unity Technologies

VIM

Yeti

MISSION BIT TEAM

Christina Ortega
Chief Executive Officer

Cora Monokandilos
Program Manager

Cynthia Chin
Program Manager

David Topete
Videographer

Bethany Byrd-Hill
Office Administrator

BOARD OF DIRECTORS

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Engineering Manager
Cruise Automation

Abhay Kumar
Investor and Advisor
Volley Travel

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Bob Ippolito
Entrepreneur

Michael Walker
Principal Consultant
BrandGeneering, Inc.

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WE VALUE:

COMMUNITY, SOCIAL JUSTICE, SMART RISKS, ACCOUNTABILITY, AND LOVE.

GET INVOLVED

Volunteer ✳

Mission Bit's volunteers are the heart and soul of the organization. Our classroom volunteers play an essential role in providing one on one support to our students and assisting our instructors. We also recruit volunteers for one-time events (no technical skills required) who support us during the year. These events include our workshops, Demo Day, and our annual gala.

Donate ✳

Your donation equips students with skills to pursue opportunities in tech.

Your donation will help us:

1. Reach more students with our free programs
2. Find and train Facilitators and Teachers for our Semester Courses and Summer Bootcamps
3. Create a world-class curriculum for our classrooms
4. Diversify the tech industry