

Joseph Babbitt

Programmer, Robotician, Student & Explorer

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EDUCATION

Brooklyn Technical High School, Brooklyn, New York — 9- 12 (High school GED + CTE certification)

September 2015 - PRESENT

Brooklyn Technical High School is the nation's largest specialized public high school for science, technology, engineering and mathematics. Housed in a physical plant reborn for the 21st century, the school is a national model for excellence. Currently in the Mechatronics and Robotics major.

CIEE Berlin Global Institute, Berlin, Germany — *Entrepreneurship Course*

July 2016 - August 2016

Three week course involving a rigorous course in Global Entrepreneurship and running global businesses. This course provided hands on experience by working with local businesses and creating concepts for real world solutions. The exchange program also provided an extensive grasp on German and Berliner Culture.

EXPERIENCE

Bloomberg L.P., Manhattan, New York — *Engineering Intern*

July 2017 - August 2017

Only high school summer engineering intern at Bloomberg L.P., a technology company serving those working in financial markets. Integrated into a team working on production software and was expected to deliver projects on strict timelines.

FIRST Team Brooklyn TechKnights (FRC 334), Brooklyn, New York — *Programmer/Web Developer/Media Coordinator*

January 2016 - PRESENT

Programmer on the Brooklyn Techknights, a FIRST robotics team based out of Brooklyn Technical High School. The Brooklyn Techknights are one of the oldest FIRST robotics teams in New York City. Founded in 1999, the team has won over 13 major awards.

Boy Scouts of America (Troop 662), Manhattan, New York — *Eagle Scout*

October 2010 - PRESENT

Eagle Scout and Junior Assistant ScoutMaster (JASM) for Troop 662 of the Brick Church. Eagle Project brief: development of a computerized database software that will allow senior centers specially equipped for residents with alzheimer's to send out computer generated personalized newsletters.

Friendship Circle UES, Manhattan, New York — *Volunteer and Counselor*

September 2012- PRESENT

Counselor at Friendship Circle, A program run to help children with special needs. Provides fun activities for the children and provides companionship and friendship for kids who don't always feel so normal in the world we live in.

EXPERIENCE IN

Web Design, Robotics, Blockchain Technologies, WebSockets, WebRTC, RESTful API creation & usage, OAuth2, Node.JS, IBM MQ

LANGUAGES:

Programming:

Python, Java, Javascript, HTML, CSS

Natural:

Hebrew, English, French

AWARDS

White House Maker Faire-Honored Maker -

Invited to the first ever White House Maker Faire

National Geographic Engineering Exploration Challenge ~ Winner -

One of four winners of the International Engineering Exploration challenge, a challenge to find clean renewable energy sources for reports in the field

Honor Roll -

All four semesters at Brooklyn Technical High School

National Honor Society - Member and tour guide

Senior Patrol Leader -

Troop 662 Boy Scouts of America

Eagle Scout -

Troop 662 Boy Scouts of America

Senior Programmer & Lead -

FRC 334 - TechKnights