

Joseph Babbitt

Programmer, Robotist, Student & Explorer

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EDUCATION

Brooklyn Technical High School Brooklyn NY
Grades 9- 12 High school Diploma, AP Capstone Diploma, CTE certification in Robotics
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 via summer study abroad
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, NY
Engineering Intern
July 2018 - August 2018
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.

Returned to work on expanding functionality of unicode characters and emoji in the terminal, Bloomberg's flagship project. Implemented client facing features and maintained production code.

FIRST Team - Brooklyn TechKnights (FRC 334) Brooklyn, NY
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, NY
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, NY
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

Agile development, Blockchain Technologies, Complex codebases ES6, Full stack development, Git, IBM MQ, Node.JS, OAuth2, Open Source Contribution, RESTful API creation & usage, Robotics, Web Design, WebRTC, WebSockets

LANGUAGES

Programming
Python, Java, Javascript, C#, HTML, CSS

Natural
Hebrew, English, French

AWARDS

White House Maker Faire
Honored Maker

Invited to the first ever White House Maker Faire as an Honored Maker

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

Brooklyn Technical High School
Honor Roll
All six semesters

National Honor Society
Senior Chairman
Committee MVP
Tour Guide
Member

Senior chair of Tours committee and member of chapter board

Boy Scouts of America
Eagle Scout
Junior assistant ScoutMaster
Senior Patrol Leader

Influential part of expansion of troop from 7 to 50+ members. Achieved the rank of Eagle Scout

Brooklyn TechKnights
Department Captain
Senior Programmer

Senior programmer in charge of logistics and testing as well as head of Public Relations