



MIT Beaver Works Summer Institute

Fall 2021 Outreach Program – 6 Courses



Girls Who Program Autonomous Cars



Girls Who Design, Build and Fly Model Aircraft

Girls Who Want to Learn Many Interesting Things

Girls Who Program Cognitive Assistants



Girls Who Program Autonomous Cars - BWSI-Pacific

Kwaj Mini-RACECAR Middle School (Kwajalein Atoll, Marshall Islands)

No Prior Experience Required!

WHO: High School 11th Grade Female Students

WHEN: Saturdays 11am-2pm (EST): October 16, 23, 30,

November 6,13, 20, December 4, 11, 2021

WHERE: Virtually, through Zoom!

REGISTER: https://mit-bwsi.formstack.com/forms/bwsi_fall2021













GIRLS WHO PROGRAM AUTONOMOUS CARS





Who: Female High School Juniors interested learning about <u>code</u> and <u>robots!</u> Beginners encouraged!

When: Saturdays 11am to 2pm (EST) – 10/16, 10/23, 10/30, 11/6, 11/13, 11/20, 12/4, 12/11, 2021

Where: Virtually, through Zoom!

Registration Form: https://mit-bwsi. text











Girls Who Design, Build and Fly Model Aircraft — A BWSI Crash Course.



No Prior Experience Required!

Who: Female High School Juniors interested in Aerospace and Aeronautics.

When: Saturdays 11am to 2pm (EST) – 10/16, 10/23, 10/30,

11/6, 11/13, 11/20, 12/4, 12/11, 2021

Where: Virtually, through Zoom!

Registration Form: https://mit-bwsi.formstack.com/forms/bwsi fall2021











Girls who want to learn

Many Interesting Things:

From Transistors to Data Science

A BWSI Medlytics intro course by Christian Cardozo

An early introduction to the technologies that shape our world, with applications to medical data analytics!

Computer Architecture • Python Machine Learning • Computer Vision

No prerequisites. No pressure.

No PRIOR EXPERIENCE REQUIRED!

Who: Female High School Juniors interested learning about computers, coding and medical data analytics. Beginners Encouraged!

When: Saturdays 11am to 2pm (EST) – 10/16, 10/23, 10/30, 11/6, 11/13, 11/20, 12/4, 12/11, 2021

Where: Virtually, through Zoom!

Registration Form: https://mit-bwsi.formstack.com/forms/bwsi fall2021



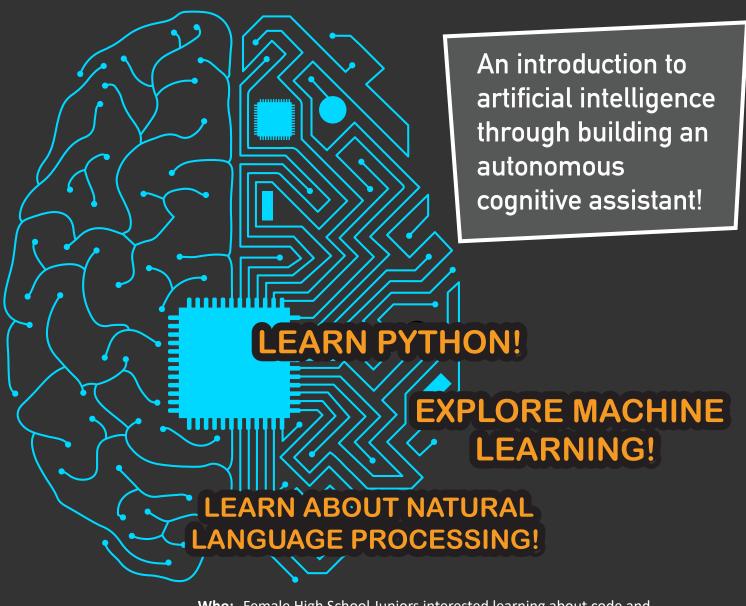








Girls who program cognitive assistants! — a BWSI crash course



No Prior Experience Required! **Who:** Female High School Juniors interested learning about code and artificial intelligence! Beginners Encouraged!

When: Saturdays 11am to 2pm (EST) – 10/16, 10/23, 10/30, 11/6, 11/13, 11/20, 12/4, 12/11, 2021

Where: Virtually, through Zoom!

Registration Form: https://mit-bwsi.formstack.com/forms/bwsi fall2021











GIRLS WHO PROGRAM AUTONOMOUS CARS





Who: Female High School Juniors interested learning about <u>code</u> and <u>robots</u>! Beginners encouraged! When: Saturdays 1pm to 4pm (HST) – 10/16, 10/23, 10/30, 11/6, 11/13, 11/20, 12/4, 12/11, 2021

Where: Virtually, through Zoom!

Registration Form: https://mit-bwsi.formstack.com/forms/bwsi_student_kwaj_fall_application_2021











KWAJ MINI-RACECAR MIDDLE SCHOOL





Who: Kwaj students in grades 7 – 9. Beginners encouraged!

When: TBD, one afternoon/evening per week beginning late October

Where: Namo Weto Youth Center

Registration Form: Registration form available at Namo Weto Youth Center







