ENGINEERING RESOURCES

ROBOSAIL
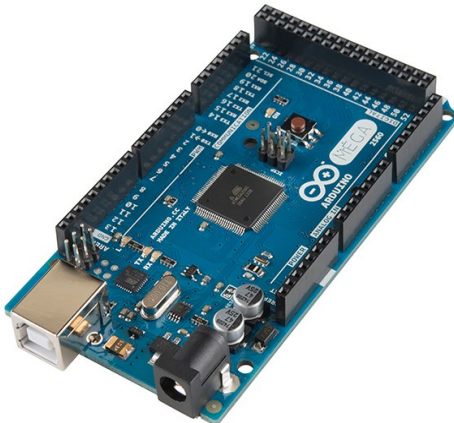

Mentor
Name: _____
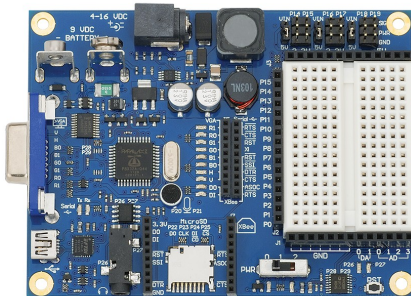Email: _____

Class Leader
Diane Brancazio,
diane@robosail.org
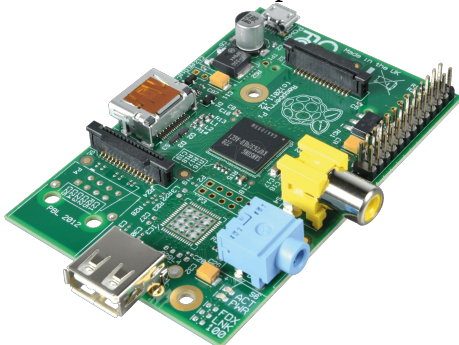www.robosail.org

BOARDS

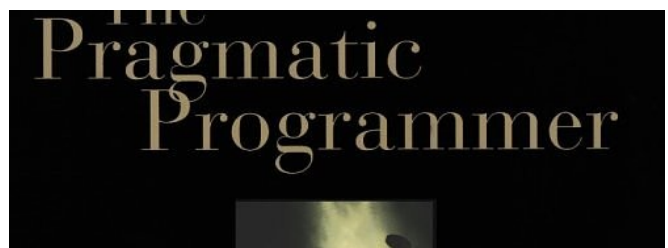Arduino Mega

Parallax Propeller

RaspberryPi

LANGUAGES

BOOKS

The Pragmatic Programmer, by Andrew Hunt and David Thomas

Debuggung, by David Agans

Code Complete by Steve McConnel

MAGAZINES

Others: *Wired, Elektor, ROBOT Magazine*

SUPPLIERS

ASSOCIATIONS

Electrical Engineering

Computer Science

Mechanical Engineering

Engineering Outreach

COLLEGE

Computer Science: the scientific and practical approach to computation and its applications. A computer scientist specializes in the theory of computation and the design of computational systems.

Electrical Engineering: the design, development, testing, and supervision of the manufacturing of electrical and electronic equipment, such as motors, radar, navigation, broadcast and communications systems—from portable music players to global positioning systems (GPS).

Computer Engineering: the integration of several fields of electrical engineering and computer science required to develop computer hardware and software, with training in electrical engineering, software design, and hardware-software integration instead of only software engineering or electronic engineering. Computer engineering not only focuses on how computer systems themselves work, but also how they integrate into the larger picture.