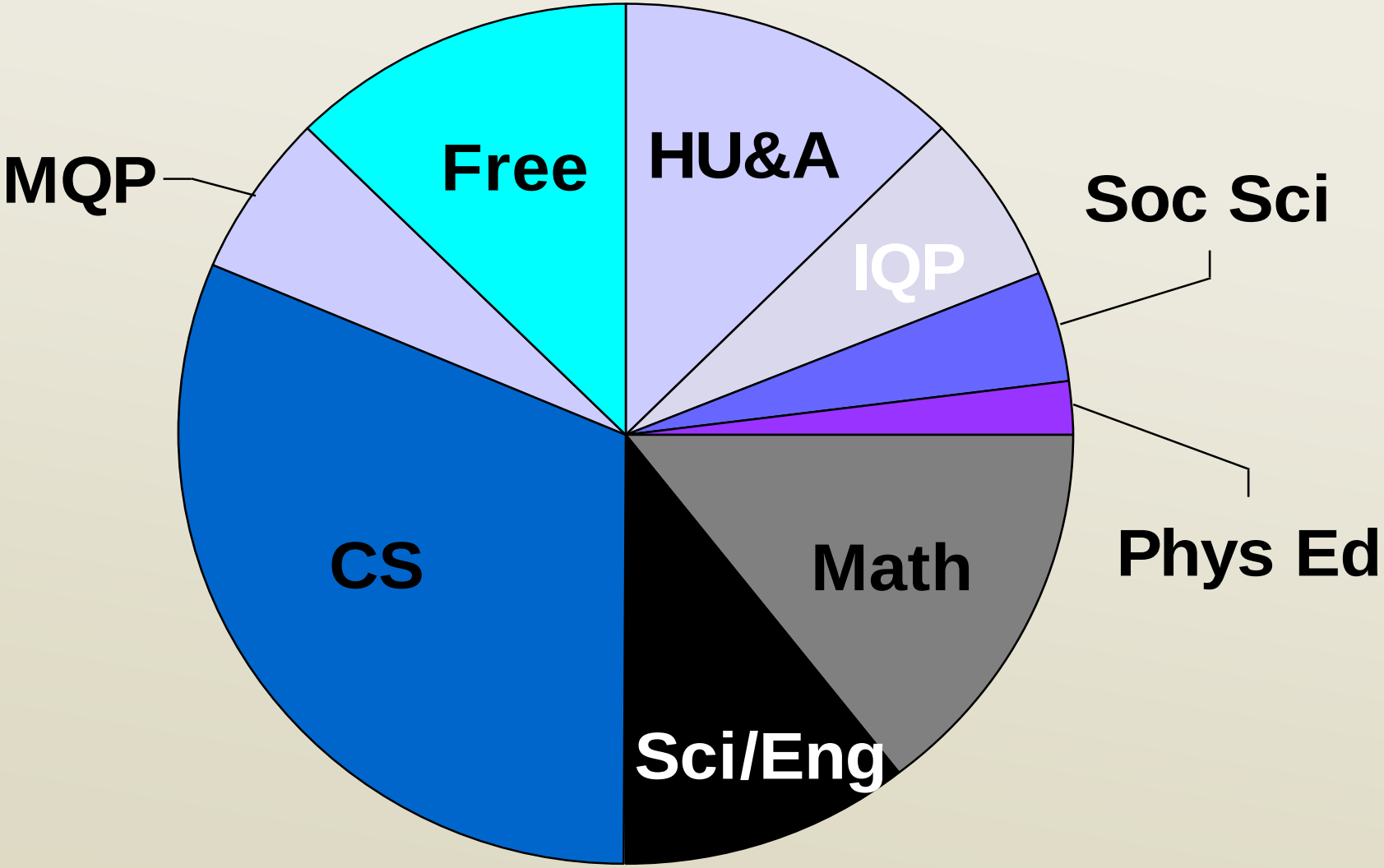
A Closer Look at WPI Computer Science

April 2020

Congratulations! You Have Been Admitted to WPI

WPI Computer Science is Balanced (and Flexible)



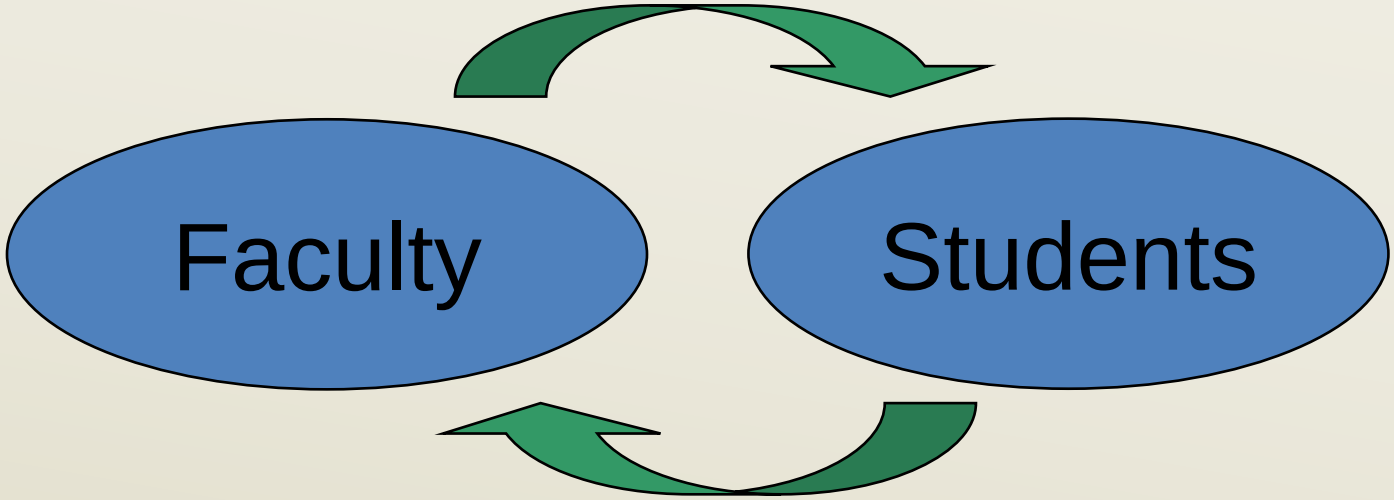
WPI Computer Science is Interesting

CS 1101	Introduction to Program Design
MA 1021	Calculus I
EN 2231	American Literature: The Raven,
PE 1018	

CS 1102	Accelerated Intro to Program Design
MA 1023	Calculus III
FY 1100	Great Problems Seminar:
PE 101	

BB 1035	Introduction to Biotechnology
SP 1523	Elementary Spanish I
MA 1021	Calculus I

WPI Computer Science is People



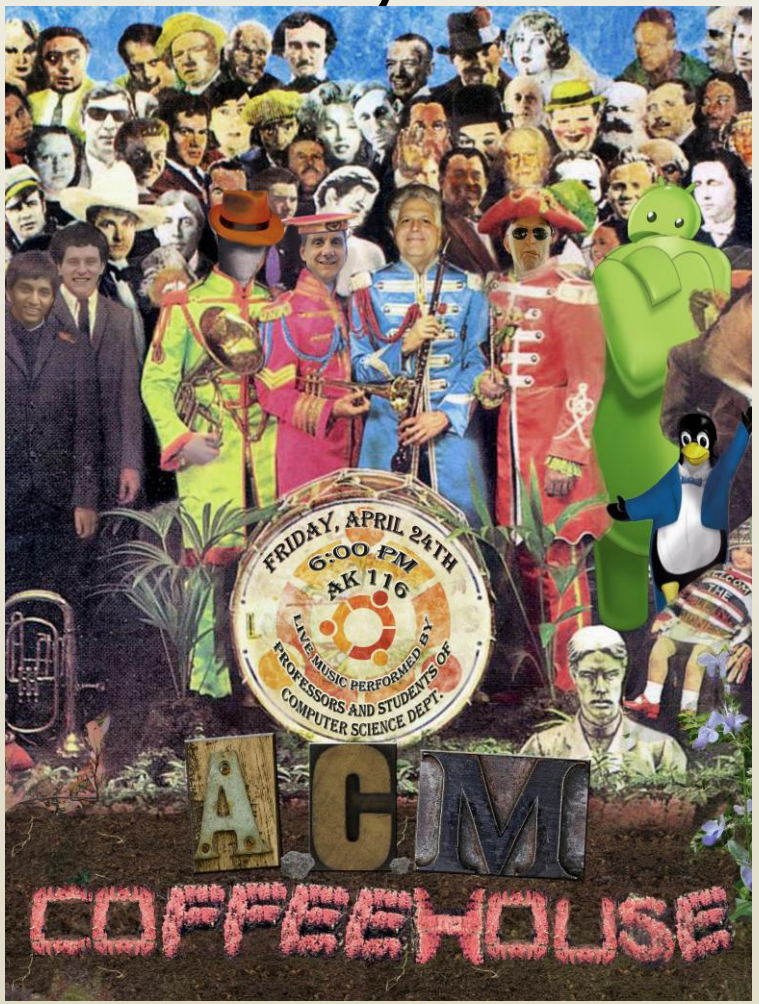
- All faculty teach undergraduates
  - Teaching and undergraduate assistants assist
- You know the faculty and they know you
- Undergraduates participate in research groups

WPI Computer Science is Solving Problems

Sometimes just for fun

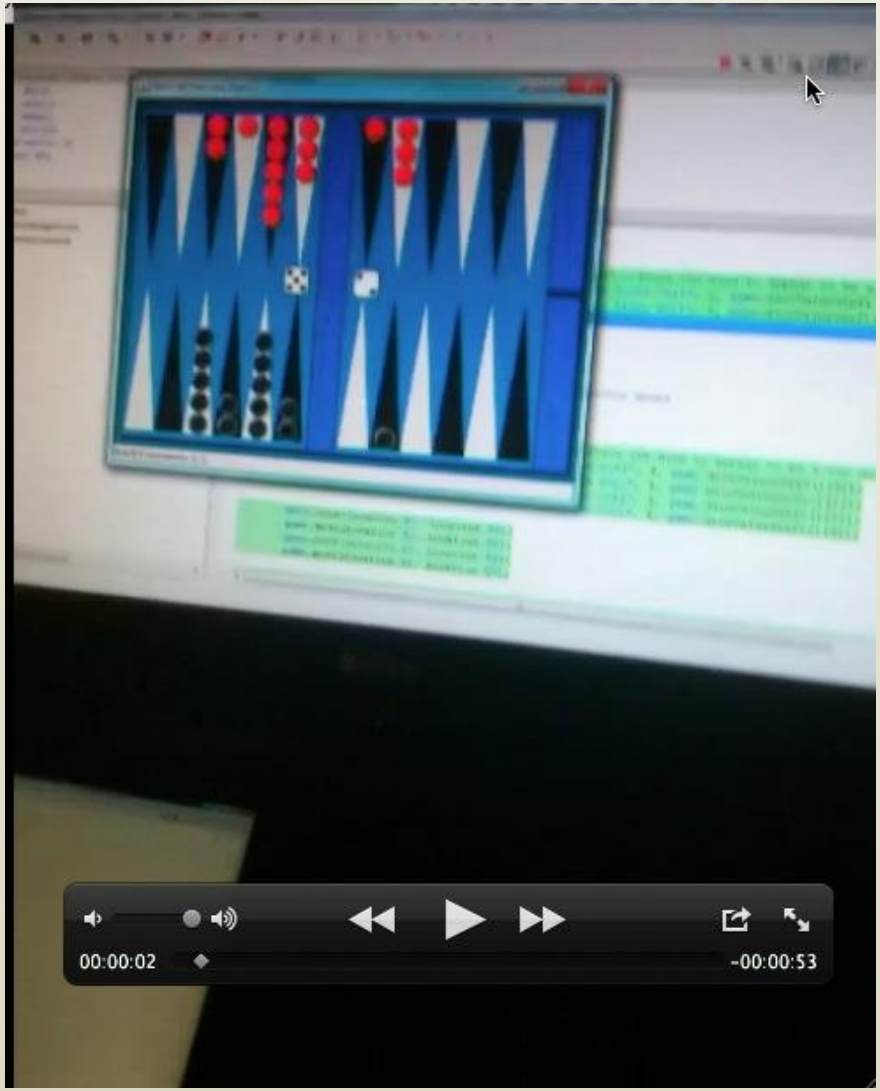
WPI Computer Science is Community

- Association for Computing Machinery
  - ACM hackathons
  - Social events, BBQs
- Women in CS
  - Networking Dinner
- UPE CS Honor Society
  - Technical Interviews
  - Burning the Midnight Oil
- Game Development Club
- Cybersecurity Club



WPI Computer Science is Multi-talented

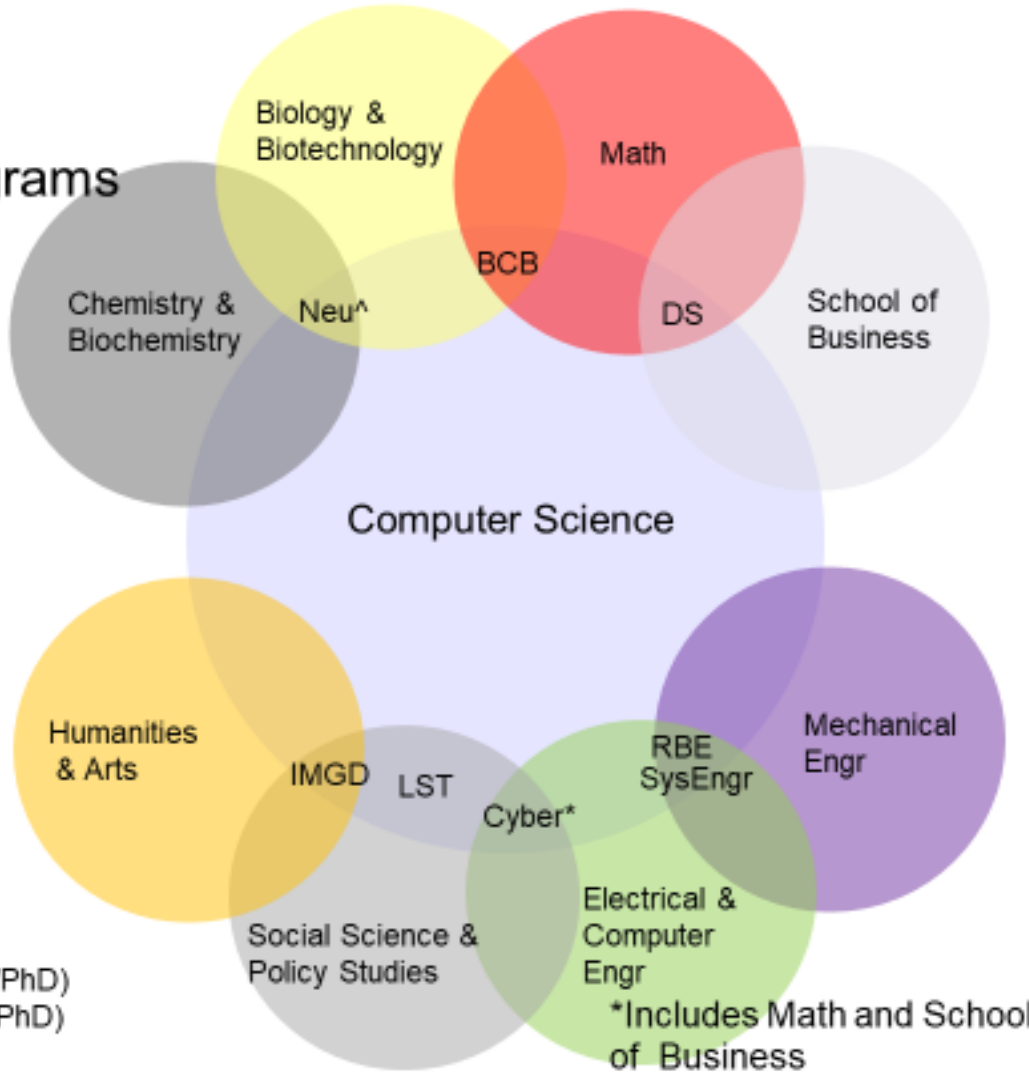
WPI Computer Science is Hard Work



- Interesting problems
- Theory and practice
- Interesting hours
- Collaborating with your peers

WPI Computer Science is Interdisciplinary

Computer Science: The Hub of WPI Interdisciplinary Programs

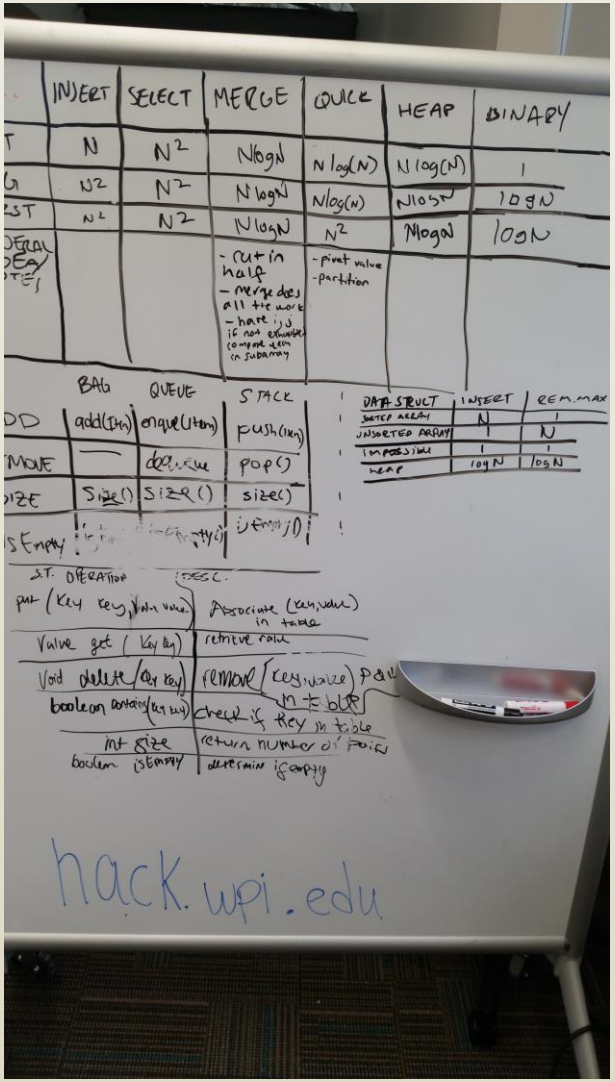


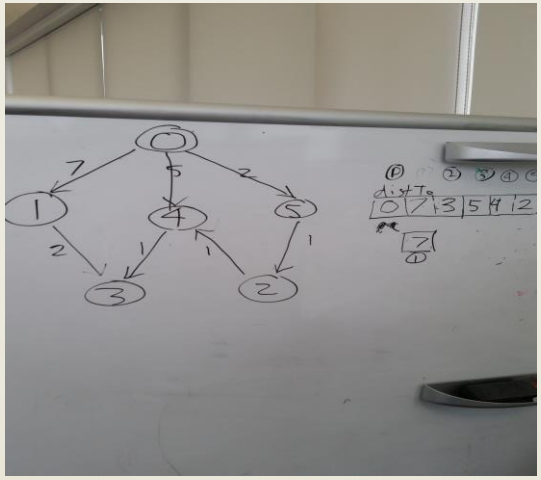
BCB: Bioinformatics & Comp. Biology (BS/MS/PhD)
Cyber: Cybersecurity (BSConc, MS)
DS: Data Science (BS/MS/PhD)
IMGD: Interactive Media & Game Development (BS/MS)
LST: Learning Sciences & Technologies (MS/PhD)
Neu: Neuroscience (MS)
RBE: Robotics Engineering (BS/MS/PhD)
SysEngr: Systems Engineering (MS/PhD)

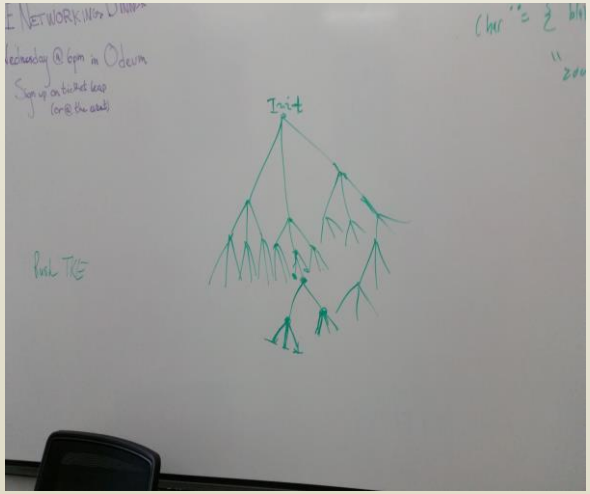
*Includes Math and School of Business
^includes BME, Math and SSPS

WPI

WPI Computer Science Is Whiteboards







Worcester Polytechnic Institute

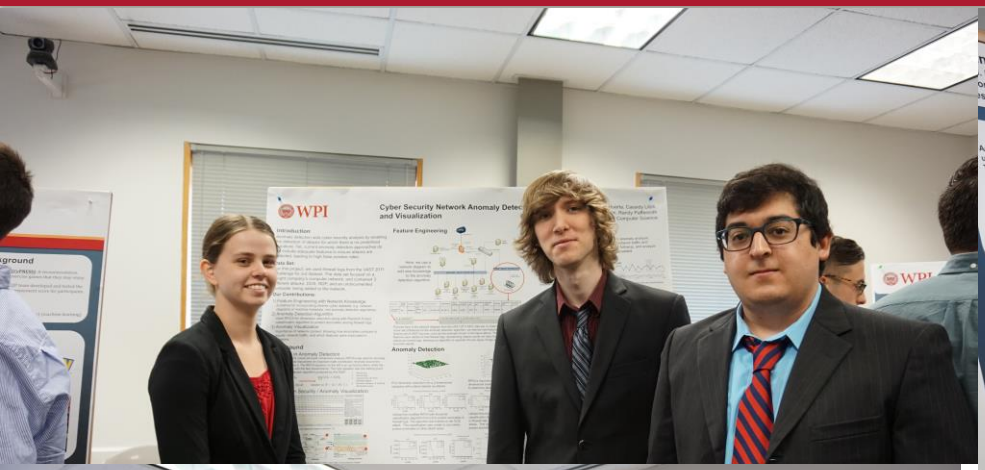
WPI Computer Science Is Junior-Year Projects

- IQPs are done both off and on campus
- IQP Project Centers Where CS Students Have Done Projects include:
  - Venice, Italy
  - Washington, DC
  - Hong Kong
  - London, England
  - Morocco
  - Namibia
  - Denmark
  - New Zealand
  - Bangkok, Thailand
  - Melbourne, Australia
  - Moscow, Russia
  - Costa Rica
  - Bar Harbor, Maine
  - Nantucket, Massachusetts

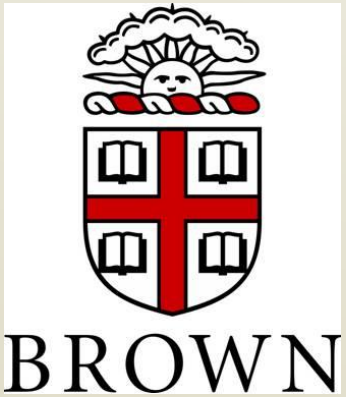
WPI Computer Science is Senior-Year Projects

- MQPs off and on campus
- MQPs may or may not be company sponsored
- MQP Project Centers of CS Students
  - Silicon Valley, CA
  - Wall St., NY
  - Osaka, Japan

WPI Computer Science is Project Presentation Day



WPI Computer Science Prepares You for Graduate School



WPI Computer Science Prepares You for Industry

WPI Computer Science Pays Off

Average salary of $86K for WPI CS students with BS degree in 2018.

Mar'20: CollegeFactual ranks **WPI CS as 2nd best program** in the U.S. (2nd year in a row)

Students interested in Cybersecurity can earn scholarships for Junior/Senior years and BS/MS program through NSF-supported grant.

WPI Computer Science Prepares You for Life

Let our students tell you about their experiences. Contact them via https://web.cs.wpi.edu/~cew/admissions20/

Contact Craig Wills, Dept Head, with questions at cew@wpi.edu