**Michael Manning**

69 Brown St., Box 4467 – Providence, RI, 02912

H(617) 356 8041 • [michael\_manning@brown.edu •](mailto:michael_manning@brown.edu) [mrmanning.me](http://mrmanning.me)

**Education**

**Brown University Providence, RI** *Pursuing Sc.B. Engineering (Mechanical or Electrical), 3.64 GPA 2013–Present* **Relevant projects and coursework:** Building an open source CNC milling machine and developing accompanying software (not associated with a class), design project based on chaotic motion earning top 10 recognition

**UWC Atlantic College St. Donat’s, Wales**

*Atlantic Diploma, International Baccalaureate Diploma, Higher Level Math, Physics, and Economics 2011–2013*

**Relevant projects and coursework:** Built and maintained boats, worked on a wind turbine, extended essay on religion in American politics

**West Bridgewater Middle-Senior High School West Bridgewater, MA**

*High School Diploma, Earned Diploma for graduation in 2012 by dual enrollment 2009–2011*

**Experience** Vocational. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . **Office of Residential Life, Brown University Providence, RI**

*Residential Peer Leader (Residential Counselor) August 2014–Present*

Responsible for working with colleagues to offer support in academics, first year transition, and life as a first generation college student. Remain available and accessible to first year students. Host programs and activities based on my support foc.i

{ Earned first RPL of the Month award

**Brown Design Workshop, Brown University Providence, RI** *Monitor April 2014–Present* Maintain space and monitor for safety and good practice while offering help in project conceptualization and use of tools.

Give workshops on use of rapid prototyping tools such as a laser cutter and 3D printers.

**Breakthrough Providence Providence, RI**

*Teacher Summer 2014*

Mentored and taught math to high-potential, low-income middle school students.

Organized and executed athletic activities, as well as managed logistics for an overnight lock-in.

{ Earned first cluster member of the week award

**American Eagle Outfitters, Inc. Brockton, MA**

*Sales Associate Summer 2013*

Interacted with customers, restocked clothing, acted as a cashier.

**Atlantic Outdoor Centre St. Donat’s, Wales**

*Activity Instructor June 2013–July 2013*

Planned and executed sessions instructing rock climbing, mountain boarding, canoeing, etc. for visiting boarding groups aged roughly

8-18 with varying degrees of mental and physical abilities. Organized, DJ’d, and tended bar for ’discos.’

**All Seasons Exteriors, Inc. Middleboro, MA**

*Laborer Summer 2011*

Experience with roofing, siding, and relevant tools.

Volunteer. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .

**Rotary Youth Leadership Awards Rotary District 7950 – SE Mass. and Rhode Island**

*Executive Student Director, Student Leader 2013–2014, 2011*

Consulted various Rotarians regarding improving the youth program, held a workshop in youth outreach. Facilitated groups of students through leadership, engagement exercises.

Organized and executed a pilot youth program for ShelterBox International.

**Royal National Lifeboat Institution St. Donat’s, Wales**

*Lifeboat Crew 2012–2013*

24/7 on-call crew member of the Atlantic College lifeboat, 9-12 hours per week of training. Certified in ’casualty care’ incl. CPR, AED, etc.

Instructed students on the practical use and technical components of various boat types, engine constructions, etc.

**UWC Atlantic College St. Donat’s, Wales**

*Peer Listener 2012–2013*

Managed first year student transition.

Offered confidential support to peers and first year students.

Miscellaneous. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .

**Brown University Men’s Rugby Team Providence, RI** *Player 2013–Present* Achieved Ivy championship title, advancing to nationals; selected for 2014 tour team.

**Kurt Hahn Experiential Core St. Donat’s, Wales**

*Co-Leader 2011–2013*

Planned and executed outdoor activities related to personal and communal development including hikes, expeditions, and community service.

**Skills Communication:** : English (fluent), Spanish (intermediate), Public Speaking, Meeting and Breakout Facilitation, Social Media

**Productivity**: Microsoft Office, Google Apps, Windows and Mac OS, LaTeX

**Software/Programming**: MATLAB (Proficient), Java (Basic), C++ (Basic), Python (Basic), SolidWorks (Basic), AutoDesk Inventor (Basic)

**Physical Design**: 3D Printing, Laser Cutting, Experience with shop and construction tools