



MAXWELL COOPER

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EDUCATION

BROWN UNIVERSITY

2014-2018

Electrical Engineering, Sc.B.

GPA: 3.3/4.0

HEREFORD HIGH SCHOOL

2010-2014

GPA: 5.49/4.0

TOWSON UNIVERSITY

2013

Multivariable Calculus

(MATH275)

GPA: 4.0/4.0

SKILLS

TECHNICAL

MATLAB, Java, Python, Minitab,
Solidworks, Altium, HTML, CSS,
JavaScript, Verilog

PROFESSIONAL

Powerpoint, Excel, Photoshop,
TEFL Certificate

AWARDS

National Merit Scholar

Commendation

National AP Scholar

Central Maryland Physics

Olympics Winner - 2013

BCPS Chess Tournament 1st

Place Unrated - 2013

TESTS

SAT: 2340 ACT: 34 SAT II:

Chemistry 800, Math II 800,

Physics 780

EXPERIENCE

GOTOCO TEFL SUMMER PROGRAM

Summer 2019 - Beijing, China

- Taught English to adult Chinese students

COLLEGE CRUSADES FTC STUDENT ADVISOR

2018-2019 - Providence, RI

- Mentored at-risk high school students in robotics competition

BROWN SPECIAL EVENTS COMMITTEE CO-CHAIR

2014-2018 - Providence, RI

- Managed a budget of \$30,000+ per year to organize community events which yielded an average attendance of over 1,000 students per event
- Planned each event from conception to fruition, working with the City of Providence and Brown Administration to get all necessary approvals, with various catering companies to provide food, and with student performers to provide entertainment
- Led club meetings and discussions intended to optimize the experience of event-goers

ENGN0030 MENTOR/TEACHING ASSISTANT

Fall 2017 - Providence, RI

- Taught basic engineering skills and principles to students taking Intro to Engineering/Statics

BECTON DICKINSON SYSTEMS ENGINEERING INTERN

Summers 2015-2017 - Sparks, MD

- Conducted experiments to assure the robustness of a new medical system design implementation
- Identified a faulty chip from partnered manufacturers, fixing an issue with repeated test failings of a prototype chip and saving company resources that would otherwise be spent

EXTRACURRICULARS

Brown IEEE - E-board member

Delta Tau - Rush Chair

RISD New York Fashion Week 2017 - Model

Meditation Club, Rube Goldberg Machine Club, Birding Club