

Experience

Grader and Class Assistant, Art of Problem Solving – July 2014 to Present

As a part of the Art of Problem Solving team, I assist with classes such as Algebra 2, Introduction to Geometry, and AIME Problem Series every week. I also grade homework sets for classes such as Introduction to Counting and Probability and Introduction to Python Programming.

Co-Founder and Developer, 4370, Inc. – March 2013 to September 2013

I founded an award-winning technology startup as part of a five person team. In addition, I worked closely with a development and design team to create a mobile application.

Development Intern, Appy LLC. – May 2012 to June 2013

I utilized the Xcode programming environment and Objective-C language to develop high quality mobile applications for the iOS platform. I also gained experience in the running the business side of a startup company.

Education

Brown University, Providence, RI – September 2014 to Present

Concentrating in computer science and applied mathematics, with classes in education, psychology, and journalism.

Homeschooling, West Paris, ME

Graduated in Spring 2013.

Volunteerism

Founder, Western Maine CoderDojo – October 2013 to April 2014

I founded a Dojo through the CoderDojo network for the Western Maine Homeschoolers Association, and taught the Scratch programming language, math, and science to 10 to 20 students aged 7 to 16 on a weekly basis.

Teacher and Class Assistant, Learning Opportunities for Our Kids (LOOK) – Summer '09-'14

I taught classes focusing on engineering, computer programming, and critical thinking skills, with titles such as Lego Robotics, Invention Studio, and Scratch Programming.

Research

Dye-Sensitized Solar Cells: A Method to Synthesize TiO_2 Thin Films, and Analysis of Anthocyanin and Betalain as Molecular Sensitizers

Conducted at the University of Maine at Farmington with Dr. David Heroux, and presented at the Michael D. Wilson Undergraduate Research Symposium.

Activities and Interests

Captain, Oxford Hills High School Math Team – October 2009 to June 2014

5th ranked student in Maine in the 2013 - 2014 season of the Maine Association of Math League. 5 year member of the Maine All-Star Team at the American Regions Math League.

Other interests of mine include competitive online gaming, ultimate frisbee, politics, journalism and photography.