

Jamie Bort

Engineering Student at The Iron Yard

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Summary

I am particularly interested in the mathematical applications of coding and the psychological development of people as they learn to code.

Mathematician with experience in land surveying and civil engineering design.

Experience

Student at The Iron Yard

June 2017 - Present

I am enrolled in the full stack development program. When classes end in September I will be a junior developer.

CAD Draftsman at Moffatt & Nichol

August 2013 - June 2017 (3 years 11 months)

Intern in the Engineering & Safety Department of the Rail Division at NCDOT

August 2011 - August 2012 (1 year 1 month)

Field visits to rail crossings in order to survey and document the state of the infrastructure. Additionally we are currently in the process of rolling all of our data collecting, tracking, and analysis into ArcGIS.

Secretary

June 2011 - March 2012 (10 months)

Take meeting minutes. Disseminate internal documents with the board as well as event details with the members at large.

Treasurer

November 2010 - March 2012 (1 year 5 months)

Document and account for all chapter spending. Report on the state of our accounts each month.

Teaching Assistant at North Carolina State University

January 2010 - June 2011 (1 year 6 months)

Grade tests & help with homework assignments.

Tutor

January 2009 - June 2011 (2 years 6 months)

Tutor most subjects up through college with a concentration in the hard sciences.

Teaching Assistant

September 2009 - December 2009 (4 months)

Assisted professor during the lecture, reviewed challenging concepts, and provided homework assistance to 75 undergraduate students, grade tests.

Consultant

January 2009 - September 2009 (9 months)

Provided analysis and support for commercial construction projects under litigation. Reviewed CADD drawings, work orders, and similar documents to establish causes and explanation for delayed work.

Tutor at Peace College

October 2008 - December 2008 (3 months)

Reviewed college level math concepts by approaching the assignments differently from how the professor taught them.

Instrument man

March 2005 - September 2008 (3 years 7 months)

Utilized geolocational equipment as well as conventional total stations to locate buildings, property corners, and other major infrastructure. Sub-divided properties, located and laid out building foundations. Worked with licensed land surveyor to create CADD drawings.

Task Force Member

2007 - 2008 (2 years)

Education**North Carolina State University**

Incomplete, Structural Engineering, 2009 - 2011

Activities and Societies: NCSU ASCE, PENC, RTP EWB, ASCE Younger Members

Istituto di Venezia

Certificate, Italian Language, 2005 - 2005

State University of New York at Fredonia

Bachelor of Science, Mathematics, 2003 - 2005

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[Contact Jamie on LinkedIn](#)