

BRIAN TRAN

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SUMMARY

A physicist and computer scientist having experience in both programming languages and circuits.

OBJECTIVE

Seeking for a position to further hone skills related to computer science and material science.

EDUCATION

Expected Graduation: May 2017 Computer Science Degree (*University of Houston: Natural Sciences and Mathematics*)

- Mathematics Minor

Physics Degree (*University of Houston: Natural Sciences and Mathematics*)

GENERAL SKILLS

Programming Languages · Knowledgeable in C++, Java, Javascript, HTML, CSS, Excel, and MySQL

· Experienced using LaTeX, PHP, and Python

Laboratory Experience · University Physics Labs

· Fundamentals of Chemistry Labs

· Electronical Devices and Applications Lab

PROJECTS

Fall 2015 CodeRed Hackathon · Ising Model Simulation

· Designed matrices and implemented the metropolis algorithm using Python

· Anonymized EVAR data DICOM files for Software Engineering Course.

Spring 2015 · Database administrator

OTHER ACTIVITIES

Spring 2015 Semester Treasurer, *IEEE Natural Sciences and Mathematics Branch*

· Monitor the creation of the bank account for the branch and attend safety seminars provided by University of Houston.

Fall 2015 - Ongoing Webmaster, *Society of Physics Students (SPS)*

· Regulating online social media and creating announcements for meetings.

Spring 2014 - Fall 2015 Volunteer Tutor, *CougarCS*

Courses Tutored: Computer Science Introductory Courses, Statistics, Probability, Computer Architecture, University Physics, Introduction to Automata, Data Structures, Calculus, Intro to Partial Differential Equations