

Brian Sit

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Skills Summary

- Matlab
- Mathematica
- Advanced Microsoft Office (Project, Visio, Publisher)
- Photoshop
- Malware Removal
- Radiation Safety Certified
- Front Desk Operations
- Certified Kingian Nonviolence Trainer
- Safe Zone Training
- WASP Inventory
- Basic German
- Conversational French
- Fluent in Cantonese Chinese

Education

UNIVERSITY OF RHODE ISLAND | GPA: 3.32 |

B.S. in Chemical Engineering concentrating in Pharmaceuticals with a Nuclear Engineering Minor | Current GPA 3.32

Activities and Societies: President of the Gay Straight Alliance; Secretary of the URI College Democrats; AIChE, Student Senate

EAST GREENWICH HIGH SCHOOL | GPA: 3.78 | 2010

Special Projects

Toray Cogen Plant Analysis with Dr. Nassersharif | Spring 2013

Evaluated alternative heat rejection methods for the new proposed Cogen plant for possible cost savings and efficiency benefits.

Initial Commissioning of Plant Equipment with Stacey Snow | October 2013

Analyzed a new CSTR and Batch reactor for defects and design flaws, Prepared purchase lists, Calibrated pumps, Wrote new SOPs.

Design and Construction Consultant for Russell Hryzan | March 2012 - Present

Assist the general contractor for a custom half million dollar new construction house in Providence. Provide initial designs and floor layouts, bring together subcontractors for the framing and painting, and act as principle interior designer.

Experience

Finance Chair of the URI Student Senate Inc. | March 2013 - Present

Control, Invest, and Allocate the Senate's nearly \$2 million dollar annual budget. Rewrote the financial policies governing student groups and Senate to reduce bureaucracy. Serve as the CFO and Comptroller of the Student Body. Improved efficiency of the school newspaper by reducing overprinting and negotiating with unionized employees saving \$42,500 per year. Implement a check in - check out system for intergroup inventory borrowing. Hire and supervise Inventory managers and Computer technicians.

Senator of the College of Engineering, the Finance and the Rules & Ethics Committees | February 2012 – Present

Have regular 1-on-1 conferences with the Dean of the College of Engineering concerning Engineering Programs and students.

Graphic Designer at Deville's Inc. and Hong Kong Restaurant Inc. | May 2013 - Present

Produce Large Banners, Palm Cards, Full Page Ads, and Fliers for Restaurants and Clubs. Portfolio available at www.sitmonkey.com

Systems Administrator and Advocacy & Activism Leader at University of Rhode Island June | 2011 – May 2013

Administer, Maintain, and Procure all the technology for the LGBTQ Center including management of the Public Access Computers & Website. Manage Discussion Groups, Act as the liaison for GSA and Student Groups, Facilitate SafeZone trainings for large groups of over 60 Residential Assistants, Design the Curriculum and Run the OutSpoken Speaker's Bureau.

RISPEC LGBTQ Issues & Minority/Race Issues Coordinating Committee | September 2011 – June 2013

Organize workshops and speakers for the LGBTQ Caucus and the Minority/Race Caucus for the Bipartisan RI Student Political Empowerment Conference (RISPEC). Also act as the Web developer and IT consultant for RISPEC.

Math & Physics Academic Enhancement Advisor at University of Rhode Island | January 2012 – December 2012

Tutoring for a diverse group of ~15 students in subjects ranging from finite mathematics to statistics to differential equations; Physics tutoring for undergraduate students on subjects of mechanics, statics, electricity and magnetism, and basic fluid mechanics.

Relevant Coursework

- Powerplant System Design and Safety Analysis
- Nuclear Reactor Engineering
- Nuclear Thermal Hydraulics; Fuel Cycle and Performance
- cGMPs in Manufacturing & Pharmaceutical Production
- Fluid, Heat and, Mass Transfer Operations
- Physical Metallurgy
- BioNanotechnology
- Chemical Kinetics and Reactor Design
- Organic Chemistry I& II
- Molecular Cell Biology & Biochemistry

Honors and Awards

Member of Tau Beta Pi Engineering Honors Society

Distinction awarded to the Top 20% of the graduating Engineering class

Steven Myles Scholarship for Social Justice | Center for Nonviolence and Peace Studies – June 2011

\$1000 scholarship given to an individual that actively engages in addressing issues of social justice.

Diversity Award for Outstanding Leadership | Multicultural Center – June 2012

Award given to Leaders that have shown exceptional service to the Multicultural Community.

Highest Scoring Overall Scholastic Student | Academic Decathlon of Rhode Island – March 2010

Award presented to the Highest Scoring student in the State overall in ten different categories.

Overall Highest Scoring in Chemistry, awarded Gold in: Economics, Math, Chemistry, Social Science, Music