

Troy Prince

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Personal Website:
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Education

University of Notre Dame

Bachelor of Science

Major: Computer Science

Dean's List every semester

Notre Dame, IN

Graduation: May 2018

Overall GPA: 3.91 / 4.00

Notre Dame London Program

International Studies

London, England

Fall 2016

Work Experience

Morningstar, Inc., London, England

Technology Intern

August – December 2016

- Enhanced a Visual Basic for Applications data management program used by Morningstar UK's data analysis teams.
- Developed a C# Console Application that utilized the .NET Goggle API Client Library to query and display page view information for fund-specific pages on Morningstar UK's website.

Teaching Assistant, Notre Dame, Indiana

Undergraduate TA for Data Structures

January – May 2017

- Assist students with assignments during lab periods and office hours; grade assignments.

Spring Lake Ocean Rescue, Spring Lake, NJ

Lifeguard

Summers of 2012 – 2016

- Maintained safety by enforcing beach regulations, rescuing patrons caught in currents, and administering first aid.
- Developed worldly skills including critical decision making, composure in front of a public audience, and leadership.

Technical Skills

Website Development: Created a personal website (URL above) using HTML and CSS; updated and extended Zahm Hall's PHP based website (zahm.nd.edu) as the dorm's Vice President.

Data Science: Skilled with Python's Pandas and Sklearn libraries; developed a model that predicts a person's income from basic demographic information using these tools for a final project in my Data Science course.

Other Skills: Proficient in object oriented programming in C++ and systems programming in Unix; also have experience with C#, SQL, VBA, Google Analytics, and JavaScript.

Leadership and Service Experience

Computer Science Service Projects

Student and Volunteer

January 2016 – May 2018

- Work in teams to develop several projects over the course of a year and a half. These projects will range from software solutions for organizations in South Bend to predefined socially responsible mobile applications.

Zahm Residence Hall Government and Leadership

Vice President

April 2016 – April 2017

- Manage over thirty commissioners who are responsible for the dorm's social, athletic, and service events.
- Strive to maintain and expand the dorm's strong sense of spirit, tradition, and community.

Service Commissioner

April 2015 – April 2016

- Engaged members of the Zahm community in service opportunities around campus and in South Bend.

Welcome Weekend Ambassador

August 2015

Appalachia Center for Social Concerns Seminars

Group Leader Spring 2016, regular student/volunteer Spring 2015, Fall 2015

- Traveled to parts of Kentucky and Tennessee on weeklong service-immersions to learn about the region.

Athletics and Interests

Swimming: Swim with Notre Dame's club swim team and was leader on club and school swim teams in high school.

Service: Constantly seeking service events to attend and support.

Other Interests: Travel, fitness, skiing, cooking, politics, exploring the outdoors