

# William Theisen

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## EDUCATION

**University of Notre Dame** **2014 – Present**  
Computer Science Major – GPA 3.333

**Ohio Northern University** **Summer – 2015**  
Physics – GPA 4.0

**Bluffton University** **2012 – 2014**  
Calculus I & II, Programming I, Object Oriented Programming/Applied Data Structures

## EXPERIENCE

**Private Consulting, Python Software Foundation** **Summer 2016**

- Analyzed bugs on the Pycon website
- Coded and fixed a website built on Django and Python
- Attended Python Conference at the Ohio State University

**Summer Research, Bluffton University** **Summer 2016**

- Analyzed molecules shifting in hexagonal lattices under various factors
- Handled and Analyzed of 1000's of data files on Linux systems
- Ran simulations at Blue Waters and OSC to generate data

**Crew Member, Wendy's** **Summer 2016**

- Assisted in the everyday operations of a Wendy's franchise
- Assisted the manager with the daily opening of the store

**Summer Physics Research, Ohio Northern University** **Summer 2013**

- Analyzed CCD imaging data from the Sloan Digital Sky Survey and Kitt Peak National Observatory for radio galaxies in the Able cluster
- Used the GNU Image Manipulation Program on a Linux system to create a radio on optical image overlay
- Presented research at the Fall OSAPS Conference,

## COMPUTER PROGRAMMING SKILLS

Linux operating systems/Shell Scripting	LabVIEW/Matlab
GIMP/Photoshop/Blender	Open office spreadsheets/Excel
Python	C/C++/C#
HTML/JavaScript	Assembly/System C

## RELEVANT COLLEGE STUDIES

Data Structures, Computer Architecture, Engineering Design, Discrete Math, Computer Graphics  
Engineering and Business Fundamentals, Unix for Engineers, Logic Design

## ACTIVITIES AND HONORS

Notre Dame SIBC member	Notre Dame Film Society
Dean's List – Ohio Northern University	Dean's List – Bluffton University
Member and Team Leader for ND-Devs	Video Game Modding
Captain of two intermural soccer teams	Leader of the Notre Dame PSG

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**Interests** – Soccer | Programming | Film | Education | Video games | Golf