

# William Harrison

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## Education

### University of St. Thomas

Computer Science Information Security  
Catholic Studies  
Expected May 2015 / GPA: 3.33

**Courses** Algorithms, Information Security,  
Object Oriented Design, Networking,  
Modern Cryptography

## Skills/Languages

Languages	Python, Bash, HTML, CSS, Javascript, Java, C, C++
Technologies	L <sup>A</sup> T <sub>E</sub> X, vim, Wireshark, git, shell, Linux Openssl, iOS, Android

## Work Experience

### Medtronic

Summer Engineering Associate	- Maintained and updated in house website.
May 2012 – Aug 2012	- Compiled, Organized, and Maintained a list of candidates for gaining special certification.
September 2012 – May 2013	- Distributed instructional guides to help install statistical software.
May 2013 – Aug 2013	
August 2013 – May 2014	

### Wayzata Youth Hockey Association

Peewee AA Coach	- Helped run practices 3-5 times a week during the school year
September 2013 – March 2013	- Taught kids hockey skills and incorporated life lessons
September 2014 – March 2014	- Relay information from coaches to unsatisfied parents :P

### App Development

Independent App Developer	- Set a goal by the end of the summer to release app which found churches nearby you.
May 2009 – August 2009	- Discovered the process of maintaining and submitting apps on both iOS and Android.

## Projects

### Python Cryptography

Used in independent study of Modern Cryptography. It tests the strength of certain cryptographic functions and reports whether it is considered secure. Github

### Quorridor Pathfinding

Quorridor is a board game that consists of placing walls and moving your pawn against and opponent.

Github This program finds the shortest path to a winning square.

### Latex MLA Autoformat Tool

Latex did not have a specific MLA paper formatting template, so I implemented this program to automatically format the paper. Github

## Interests

### Hockey

Cus I wanted to win a National championship. Im tired man, been working for hours. Ill get this section finished

## **Music Production**

Cus I wanted to win a National championship

## **Arduino**

Cus I wanted to win a National championship