

WILLIAM PIERCE

Current Address

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Permanent Address

2983 County Road 41
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OBJECTIVE

To obtain an internship or eventual job to gain experience in the fields of computer science or computer engineering, with an emphasis on mathematical applications.

EDUCATION

Purdue University BS Honors Computer Science BS Honors Core Mathematics Physics Minor	<i>West Lafayette, IN</i> GPA 3.95/4.0	August '14 - Present
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EXPERIENCE

SIGBots Robotics <ul style="list-style-type: none">Head of software developmentAssisted in PID implementation on robot liftProgrammed robot in C using in-house operating system and C development IDE	<i>Purdue University,</i>	September '14-Present
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HackIllinois <ul style="list-style-type: none">Led a team to implement IBM Watson Interface to predict new YouTube videos for one to watchResearched details of implementation	<i>University of Illinois Champaign-Urbana, IL</i>	March '15
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Robotics Team Captain <ul style="list-style-type: none">Coordinated team efforts to design and program a robot from VEX parts for YouthBot competitionProgrammed motion and claw functions and troubleshoot design flaws in the robotLed robotics team to win championship in Northeast Indiana 12-team regional championship	<i>Dekalb High School, Waterloo, IN</i>	January '13 - June '14
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Ball Brass and Aluminum Foundry <i>Web Designer</i> <ul style="list-style-type: none">Integrated goals of the company owner to design and build a new website for the companyCreated form on the website so other companies can easily contact Ball Brass and Aluminum	<i>Auburn, IN</i>	June '13 - September '13
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Academic Super Bowl <ul style="list-style-type: none">Participated in math, science, and interdisciplinary teamsActed as team captain for math, science and interdisciplinary team junior and senior yearLed science team to win state competition at Purdue in Spring 2014	<i>Dekalb High School, Waterloo, IN</i>	August '08 - June '14
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SKILLS

Highly knowledgeable

Java

C/C++

R

Python

Autodesk Inventor

Proficient:

HTML/CSS/PHP/mysql

MATLAB

FORTTRAN

Autodesk Revit Adobe Photoshop

HONORS AND AWARDS

Purdue Dean's List and Semester Honors	May '15
AP Scholar with Distinction	July '13 and '14
National AP Scholar	July '14
National Merit Scholar Finalist	May '14
James Scholar	May '14
Moody's Mega Math Challenge Honorable Mention	March '14
Northeast Indiana Techfest Security Competition Team Winner	March '13