

reformatting
resume

CompSci

Freshman! What?!
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ANDREW WALKOWSKI

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Education:

Bachelor of Science, Computer Science
Rose-Hulman Institute of Technology
Minors: Statistics

May 2023

James Whitcomb Riley High School, South Bend, IN
Engineering Student of the year, and regional Grand
Kiwanis winner.

June 2019

Projects:

Smart Smoke Alarm

2018-2019

High School Senior Capstone Project:

In my High school senior design class, my partner and I decided to come up with a solution to fire related deaths in buildings. We developed multiple prototypes, but finally created a wireless Raspberry Pi/Arduino sensor system that would talk to the users alerting them of a fire, and react to which sensor returns a value for smoke and heat by telling the users where the fire is located and how to escape how to escape the building properly.

Experience:

City of South Bend Public Works Department
Engineering Intern

June 2019-August 2019

- I led a streetlight camera ticketing research project
- Created multiple ArcGIS maps to track quality of roads, drainage, and pedestrian crossings
- Worked in a professional office setting becoming proficient in office 365.
- Collected field data for city projects by measuring and communication with construction managers.

Worked on a well
project w/ an Indy
Arcadian

between HS & 1st yr of
College

Salvation Army Kroc Center, South Bend
Lifeguard

August 2017-June 2019

- My tasks included enforcing pool safety rules, and practicing CPR/rescue techniques.
- I also helped brainstorm and start new guarding systems for more efficiency.
 - A new guarding system to rotate and manage to pool scanning, so lifeguards do not get tired on stand.

Leadership Experience:

2017-2019

Champions Together School Project

- My Junior year of high school I started a new organization that met monthly before school to address how to make our school more inclusive for students with disabilities. I planned fundraisers, after school activities, and school assemblies. As president for two years we raised 3,500 dollars for Special Olympics Indiana, and held two track clinics.

offer from TrekTen for internship

Comp/SCI

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Jayden Foshee

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Lafayette, IN, 47909

Freshman

open to leaving IN
for intern

Objective: I am a mathematics major seeking an internship in data science for Summer 2020.

Education: Bachelor of Science, Mathematics and Computer Science
Rose-Hulman Institute of Technology, Terre Haute, IN
Minor: Spanish and Data Science

May 2023

Academic Honors with Distinction GPA: 4.0

McCutcheon High School, Lafayette, IN

June 2019

Related Courses: Digital Applications and Responsibility, AP Physics I:
Algebra-Based, AP Statistics, Computer Science, AP Chemistry, Calculus BC AP

Experience: Team Leader, The Pink Walrus, Lafayette, IN

Aug 2017 - Aug 2019

- Counted money and handled daily finances
- Resolved customer and employee issues
- Delegated employees
- Maintained store function and appearance

Project, Nextech Computer Science Fair, The Indiana Statehouse

January 2019

- Worked in a team of three
- Created an app concept
- Coded the front end from scratch
- Presented to educators, business professionals, and government officials

Skills:

Proficient in Spanish
Problem Solving
Time Management
Oral/Written Communication

Statistical Analysis
Microsoft Office, Excel, and Powerpoint
Intermediate HTML, CSS, and JavaScript experience
Expected skills by Summer 2020: Python and C

Activities:

Volunteer Club and Key Club
The Society of Women Engineers
The Association for Women in Mathematics
The Lilly Scholars Network

Group @ Rose - student chapter

Honors:

Lilly Endowment Tippecanoe County Community Scholar
MathWorks Modeling Challenge Round 1 Qualifier
Tipmont Electric Cooperative Youth Tour Representative

2019
2019
2018

open to relocation
relocation F-1 student Visa

CompSci

2 FT

Ms. Xiangbei Chen

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Address: CM1585, 5500 WABASH AVE, TERRE HAUTE, IN, 47803

Education

Rose-Hulman Institute of Technology

Senior, Bachelor of Science in **Computer Science**, minor in **Data Science**

GPA 3.63

Looking for **Fulltime Position** as Software/Data Engineer

Work Experience

Kuder Incorporated

2019/06-08/2019

Software Development Intern-Agile Group

- Implemented auto-generated students report function for administrators.
- Changed the UI for the landing page and associated store procedures
- Updated the new vision career introduction videos, including customized videos
- Worked as a quality assurance to help new features in the development environment

Changan PSA Automobiles Co., Ltd.

08/2017-08/2017

Assistant Engineer Intern

- Worked in group to upgrade the company's internal communication system
- Attended meetings to find true requirements to improve the system according to feedbacks
- SQL based database management

Rose-hulman Institute of Technology Phonathon

2018/09-2018/10

- Built relationships with the alumni of the institution and provided updates on campus news
- Raised funds for the Rose-Hulman Institute of Technology Annual Fund

Project

JAVA Project Analysis Software Architecture Project

12/2018-02/2019

- Used ASM Tree and parsed it to analyze **JAVA** projects and generate Plant UML diagram
- Applied design patterns and recursively render through the project
- Enabled setting files to control the features

Library Management System Database Project

01/2018-02/2018

- Implemented stored procedure in **SQL** and front end in **JAVA**
- Connected front end and back end and implemented functions
- Led and trace team for implementing the Extended Events on SQL Server

BomberMan Arcade Game Project

04/2017-05/2017

- JAVA GUI based programming with thread and keyboard control
- Explored the various classes associated with Java Swing
- Designed and developed features for hero, monsters and features for levels

Skill

Computer Graphics, Software Architecture, Software requirement Engineering, Database, Statistic Programming, Machine Learning, Data Mining, Quality Methods, Computer Architecture, Data Structure and Algorithm Analysis, Programming Language Concept, **Java, Python, R**

Honor

Rose-Hulman Institute of Technology Dean's List

09/2016-Present

not very talkative

May 2020