

# Andrew Fila

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## Profile

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Experienced website developer, CS lab assistant tutor and Michigan Technological University graduate (Fall 2021) looking to utilize superior problem solving skills, communication skills, and knowledge of advanced programming techniques to help in the development of new application and technologies for an established technology company.

## Education

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### Michigan Technological University

B.S. Computer Science  
m. Psychology

Expected Graduation – Fall 2021

Departmental GPA: 3.22

### Lansing Community College

2016 – 2017

## Technical Experience & Skills

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### Website Development

- ❖ Designed a personal website to gain creative first-hand design experience, develop targeted marketing materials for job search, and to help employers understand how I can contribute to their organizations success.
- ❖ Collaborating with with the MTU Concrete Canoe team to design a better and more responsive website.
- ❖ Technologies used include HTML, CSS, and JavaScript.

### Team Software Project (Video Game)

- ❖ Worked in a four person team to design a video game using C# and Unity.
- ❖ Used a scrum development process to accomplish goals.
- ❖ Worked as scrum master to help keep team organized and on schedule.

### Technical Skills

<b>Programming</b>	C, C++, C#, Java, Assembly
<b>Scripting</b>	PHP, Bash, Python, JavaScript
<b>Markup</b>	HTML, $\LaTeX$
<b>Technologies</b>	Junit testing, Linux, Git, MySQL, CSS, Apache Server, Unity, Microsoft Office

## Work Experience

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### Website Developer

December 2020 – Current

- ❖ Designed a startup website to include product information and provide contact information to attract more users, conversions and to develop business.

- ❖ Expanding startup website design to include admin user and guest user functionality and a product information database to increase efficacy in troubleshooting website issues, and ease administrative updates.
- ❖ technologies used include MySQL, PHP, HTML, CSS, Apache Server

**Lab Assistant** – College of Computer Science

September 2020 – Current

- ❖ Provides in-lab support and concept instruction for Introduction to Programming I/II
- ❖ Increases freshman computer science students comprehension of the basics of computer science and programming.
- ❖ Introduces Java to students beginning their programming and computer science education.
- ❖ Provides troubleshooting support to students experiencing coding issues and supplemental understanding of coursework material with hands-on, practical problem solving experiences.

## Professional Competencies

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### **Analysis & Problem Solving**

Efficiency | Learning by Doing | Thoroughness | Creativity

### **Interpersonal Skills**

Collaboration & Team building | Writing | Managing Change & Uncertainty

### **Management Skills**

Project Management | Decision Making

### **Advanced Competencies**

Object-oriented programming methodologies | Software development Methodologies  
Algorithm Design & Analysis | Functional design | Cognitive & Social Psychology  
Artificial Intelligence & Machine Learning

## Honors & Awards

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- ❖ LCC Deans List

## Extra Curricular

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- ❖ MTU Concrete Canoe Website Manager
- ❖ Ridge Roamers – Official climbing club of MTU
- ❖ Ski & Snowboard Club