William Ileka

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Education

• **DePaul University - Freshman** Chicago, IL
May 2026

Bachelors in computer science GPA: 3.75
Relevant Courses: CSC 235 - Problem Solving, MAT 140 - Discrete Math I, CSC 241 Introduction To Computer Science I, CSC 281 – Java Workshop

• **Thornton Fractional South High School** Lansing, Illinois
Aug 2018 - May 2022

High School Diploma; GPA: 3.8 (34/514 - Top 10% in class: AP Scholar)
Relevant Courses: AP Computer Science Principles

Skills Summary

• **Languages**: Python - Advanced, Java - Beginner, JavaScript - Intermediate, HTML - Expert, CSS - Advanced

• **Skills**: Web Development, Web Applications, Web Scraping, Python Automation Scripting, Git, Object-Oriented Programming (OOP)

Experience

• **Fiverr** Remote, US

Freelance Web Developer *December 2020 - March 2022*

- ◦ **UI Design**: Participated in collaborative efforts with clients to develop user interfaces that are clean and uncomplicated, as well as experiences that are uncomplicated and simple.
- ◦ **Robust Client Instruction Documentation**: Made instructive videos and descriptive instructions and documentation for end-user ease of use and for future system scalability.
- ◦ **jQuery and Chrome Automation API**: Used jQuery for automation scripts to simulate user clicks and events, then migrated to chrome automation API.
- ◦ **Customer Support**: Dealt heavily in customer support and remote access troubleshooting for clients, helping clear up and resolve client issues.

• **Thornton Fractional South High School** Lansing, IL

Computer Science Presenter *August 2021 - May 2022*

- • **Booth Presenter**: Worked with computer science teacher at career fair booths to introduce incoming freshmen to available courses regarding Computer Science. Conducted brief group presentations and programming demonstrations.

Projects

• **Speech To Text Transcription and Speech Complexity Analysis**: Developed a program that transcribes .wav audio files of any length and analyzes speech complexity using the Flesch Reading Ease and the Flesch Kincaid Grade Level formulas. (Aug '22)

• **Computer Vision Aruco Marker Drone Tracking**: Developed a program that allows drone cameras to track binary squares (Aruco Markers) and estimate pose for drone following, and precision hovering. (Sep '22)

• **Portfolio Website**: Designed and built a personal portfolio website that contains my projects and socials. Working contact form using Email.js and hosted using AWS S3 buckets. (July '22)

- **Native Mobile Apps using Vanilla JS, HTML, CSS**: Using the Cordova.js framework I developed a financial app UI clone using pure vanilla web development that is publishable to Google Play Store or iOS App Store. (Dec '21)
- **Computer Vision Robot Arm**: Using OpenCV and Aruco markers, as well as 3d printed robot arm parts I created an autonomous robot arm that can pick up items and move them around. (Aug '22)

Honors and Awards

- Fiverr Top Rated Seller Award - May 2021

- Thornton Fractional South 2nd Place Hackathon winner.

- Ranked Top 25 in high school class.

- AP Scholar award recipient