William Ileka

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Linkedin: **https://www.linkedin.com/in/williamileka/**
Github: **https://github.com/ileka2468**
Website/Portfolio: **https://ileka2468.github.io/website/**
Fiverr: **https://www.fiverr.com/cggaming732**

Education

- **DePaul University - Freshman** — Chicago, IL
  Bachelors in computer science GPA: 3.78 — *May 2026*
  Relevant Courses: CSC 235, MAT 140, MAT 141, CSC 241, CSC 242, IT 130, CSC 281 – Java Workshop
- **Thornton Fractional South High School** — Lansing, Illinois
  High School Diploma; GPA: 3.8 (34/514 - Top 10% in class: AP Scholar) — *Aug 2018 - May 2022*
  Relevant Courses: AP Computer Science Principles

Skills Summary

Languages

Python - Advanced, Java - Beginner, JavaScript - Intermediate, HTML - Expert, CSS – Advanced, SQL – Intermediate

Skills

- Web Development: HTML, CSS, JavaScript
- Web Frameworks: Python Django, Vue.js
- Web Scraping: BeautifulSoup, Selenium, Puppeteer
- Database Management: MySQL, SQLite
- Object-Oriented Programming (OOP): Python, Java
- Version Control: Git
- Automation: Python Automation Scripting, UI Path Studio, UI Path Orchestrator
- Computer Hardware: Computer Building (4 years experience)
- Productivity Tools: Microsoft Office, Google Suite
- JavaScript Libraries: jQuery

Experience

- **Fiverr** — Remote, US
  Freelance Web Developer – Linked Profile — *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.

- **St. Margret's Episcopal Church** Chicago, IL

Tech Director *August 2021 – Current*

- Developed and maintain the church website, ensuring all content is up-to-date and relevant.
- Created and managed donation and online funding campaigns, resulting in increased financial support for the church.
- Managed and operated church live streams, providing remote access to church services for members and visitors.
- Maintained and installed projectors and TV screens, ensuring smooth operation during church services and events.
- Created motion graphics for church services, adding visual interest and enhancing the overall experience for attendees.
- Managed service projections and media, ensuring that all visual elements were displayed accurately and on-time during services.
- Acted as the primary point of contact for all technical issues and troubleshooting needs.
- Collaborated with other church leaders to develop and implement new ideas and strategies for enhancing the church experience through technology.

Projects – All projects can be found at my GitHub

- **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 was hosted using AWS S3 buckets, currently hosted on GitHub pages. (July '22)
- **Marketplace Web App** – Designed and built a fully functional offline web app marketplace using entirely Vanilla HTML, CSS, JS. Functionality includes product filters, product search, checkout system, cart system, seller view, buyer view. (Jan '23)
- **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)
- **Minesweeper** – Using Python and Tkinter I built a GUI based fully functional and feature rich minesweeper game, features include smart clicks (implemented with recursion), game timer (implemented with multi-threading), flag tracker. (Jan '23)
- **Machine Learning Video Game Assistance** – Using the Python FastAi library and Jupyter Notebooks, I trained an AI model using Python and FastAI to recognize and complete the skill checks in the video game 'Dead by Daylight.' This enabled the player to perform better in the game by accurately clicking a button at the precise moment, a challenging mechanic in the game. (Feb '23)

- **Protiviti Robotic Process Automation (RPA) Project** – As part of a project with Protiviti, a global consulting firm, I worked with mentors to design a Robotic Process Automation (RPA) bot. The goal was to solve a hypothetical business problem for a movie rating company by automating a time-consuming manual process. Our solution involved building a bot that could retrieve movie names from an Excel spreadsheet, look up the ratings on IMDB, and then create a new spreadsheet with the updated ratings. This RPA solution effectively eliminated the need for manual updates, saving the company significant time and resources.

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