William Ileka

Email: wileka@depaul.edu

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: Intro to CS, Data Structures, Java Workshop, Intro to Web Computing, Web Development I, Computer Systems I

- **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 – 2 years | **Java** – 1 year | **JavaScript** – 3 years | **HTML** – 3 years | **CSS** – 3 years | **SQL** – 1 year

Skills

- Web Development (Front-End): HTML, CSS, JavaScript, React, Tailwind CSS
- Web Development (Back-End): Django, Express JS, Next JS, Python FastAPI
- Web Scraping: BeautifulSoup, Selenium, Puppeteer
- Databases/ORMS: MySQL, SQLite, MariaDB, MySQLAlchemy
- Object-Oriented Programming (OOP): Python, Java
- Version Control: Git
- Automation: Python Automation Scripting, UI Path Studio, UI Path Orchestrator
- Computer Hardware: Computer Building (5 years experience)
- Productivity Tools: Microsoft Office, Google Suite
- Deprecated JavaScript: jQuery

Experience

- **Fiverr** Remote, US

Freelance Web Developer – Linked Profile *December 2020 - March 2023*

  - **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.

St. Margret's Episcopal Church Chicago, IL

Tech Director *August 2021 – Current*

- Developed and maintained 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

- **Fully Deployed Church Management Website:** Developed an express web application for St. Margaret's Episcopal Church that serves as a responsive website and content management system. Management functionality includes automated newsletters and mailing lists, Custom written APIs and database designs for sending welcome emails, and automated creation of PowerPoints and visuals for church services organized by year and month, all accessible through the website at **https://www.stmargaretschicago.org/ .** (Jan '23)

- **Fiverr Clone Web App (TaskRabbit)** – Designed and built a fully functional web app Fiverr like marketplace using the Node JS Express framework. Functionality includes, user accounts, product filters, product search, checkout system, cart system, seller view, buyer view, business side admin tools, admin dashboard, and business statistics. Designed frontend with a server-side rendering approach using EJS and CSS, backend was implemented with Express JS and MariaDB database. (Jan '23)
- **AI React JS Note Taking App:** Currently developing a React-based AI note-taking web application that enhances hastily written lecture notes. Features include lecture voice recording to fill gaps between what the student writes and what the lecturer said, AI-driven content refinement, and automated creation of flashcards, quizzes, and study materials. Designed for optimal learning, it streamlines note organization and maximizes academic retention.
- **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)

- **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)

- **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)

- **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)
- **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)

- **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

- 20k/yr. CME Group Foundation Scholarship
- Fiverr Top Rated Seller Award - May 2021
- P33 Strong Start Certification