

David Kay

Software Developer

Tools	Languages	Topics
Unity, Git, MS Visual Studio, Arduino, IntelliJ, Raspberry Pi, Terminal	C#, C++, Java, Swift, Python, SQL, HTML, JavaScript, CSS, UML	Automation, AI, Databases, PC Dev, App Dev, Game Dev

Experience

Freelance Web Dev/Admin 10/2021 - present

- ❖ Developed skills pertaining to hosting and maintaining a Drupal based website. Worked to create documentation from scratch.
- ❖ Enhanced my cross-cultural competence/communication working in another country.
- ❖ Consulted/advised on the development of a charity focused mobile app.

Digital Services Clerk

Gail Borden Public Library 05/2018 - 08/2021

- ❖ Answered technology-related questions on hardware/software/devices
- ❖ Provided 1-1 support to staff/customers needing technology assistance.
- ❖ Set up equipment for technology classes/programs. Worked to build/maintain a strong knowledge base of technology skills.

Information Technology Internship

Black Mat Studios 01/2018 - 08/2018

- ❖ Assisted with installation, administration, and management of Windows/macOS, software and application packages.
- ❖ Diagnosed and resolved hardware/software issues.
- ❖ Researched system/hosting options and pricing and unusual bugs/issues.

Student Aide Librarian

Harper College Library 08/2014 - 05/2015

- ❖ Assisted a diverse group of aides to sort/re-shelve books as well as maintained shelves and added/removed books from catalog.
- ❖ Helped patrons find books/services, and assembled multiple events.
- ❖ Delivered books campus-wide, interacted with teachers/executives/staff.

Education

University of Illinois at Chicago, Chicago, IL,

- ❖ Bachelors of Science in Computer Science, 2018

Projects

Excel Editor: Class Roster Microsoft Application

- ❖ This project was a self initiated Windows application built for the staff of Gail Borden Digital Services.
- ❖ It sorts and displays data into a particular view for making class rosters.
- ❖ Simplified a 15-20 step process down to 3 steps.

7:47 AM: Semester-long Team Game Design Project

- ❖ Creating for ourselves, AI, Modeling in Blender, Animation, Shaders, Music, Textures, Complex forms of Physics, etc.
- ❖ Working in a group of three, Weekly meetings, Bug reports, Maintaining documentation throughout the process.

MyTones: Music Database Microsoft Application

- ❖ Built a multi-user database application with transactions and rollback capability.
- ❖ Used Visual Studio, C#, SQL.

Personal Info

Phone

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E-mail

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LinkedIn

<https://www.linkedin.com/in/david-kay-m/>

GitHub

<https://github.com/KAYDAVID>

Website

<https://kaydavid.github.io/>

Soft Skills

PROBLEM SOLVING - Enjoys finding new solutions to problems technical and personal in life.

INTERPERSONAL AND TECHNICAL COMMUNICATION - Experience communicating technology with a diverse range of people with different technical understanding.

SELF-MANAGEMENT - Quick learner effective at self initiating and self motivating.

TEAMWORK - Practiced in actively listening and engaging for effectual delegation.

Non-Coding Projects

Mobile Application Design Document

- ❖ Designed, as part of a team, a mobile application and created all necessary design documentation.
- ❖ Natural Disaster Assistance App

Tinkercad Tutorial Video

- ❖ Designed and created for Gail Borden Niche Academy
- ❖ <https://my.nicheacademy.com/gailborden/course/6123>