

# David Kay

## Software Developer

Recent college graduate with 5+ years of experience in C++/Java and recent introduction to Android, iOS and Microsoft Development. Seeking to leverage my technical and interpersonal skills in a friendly, and productive team.

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

### Experience

#### Digital Services Clerk

*Gail Borden Public Library*

**05/2018 - present**

- Interact with patrons to solve their computer related issues.
- Engage with staff to implement new technologies.
- Create technical video tutorials for staff and patrons.

#### Student Aide Librarian

*Harper College Library*

**08/2014 - 05/2015**

- Assisted a diverse group of aides to sort, and re-shelve books as well as maintained shelves and added or removed books from catalog.
- Helped customers find books or services.
- Assembled multiple library events.
- Delivered books campus wide, interacted with teachers, executives, and other 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

#### Address

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#### 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>

### 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>