

Abe Ramseyer

(309) 265-7866 | abe.ramseyer@gmail.com | <https://abe.ramseyer.dev>

Experience

Student Engagement Coordinator

Christians on Campus

July 2022 - Present

Conducted multiple weekly 1-on-1 appointments fostering an inclusive and confidential environment through in-person, phone, and video calls, addressing academic, financial, health, social, immigration, and faith-based challenges with empathy, diplomacy, and discretion to drive student success.

- **Bible Reading Challenge System** php | SQLite | Javascript | Google Cloud Scheduler | Cloudflare DNS | Nginx
Personally owned the implementation of a secure platform to foster and coordinate group reading challenges for 40-100 participants with email reminders and real-time collaboration

Web Developer

Creative Sites Media, Inc.

Jan 2019 - Aug 2020

Working with designers, I end-to-end owned all of the following in the following systems: researching problem domains, architecting systems, developing and modeling database schemas, serving as the technical lead in development, releasing, and maintaining:

- **Customer Management System** Lambda | Serverless Aurora MySQL | Vue.js | Cognito | Cloudformation
A 100% AWS serverless system (API, database, crons, frontend, authentication) for managing customer leads and follow-up communication.
- **Digital Asset Management System** Apache | php | MySQL RDS | Vue.js | EC2 | Lambda
Organizes digital assets in a modern web interface with features including upload and download, public and private sharing, machine learning-based tagging, fuzzy searching in Elasticsearch, email notifications, file versioning, automatic conversions with imagemagick and ffmpeg, and extractions. Served 100s of internal users.
 - Additional technologies included Google Vision AI for file tagging and S3 for file storage.
- **Engineering Change Notice System** NodeJS | MySQL | Vue.js
System to interface with PLM software facilitating the notification and assignment of tasks regarding engineering change notices. Saved 100s of internal users from a complicated “Reply-all” email chain
 - Supporting technologies included using AWS AppSync, OAuth, AWS API Gateway, and Cognito for authentication and API routing, Vue.js with Vuex and vue router for the frontend, S3 for file upload and download, pdf.js for PDF editing, and the Materialize CSS framework.

Served as the primary maintainer of the following existing systems, fixing bugs and adding new features:

- **Backorder System** php | MySQL | JQuery | Google Charts
Worked directly with end-users to determine business and functional requirements with rapid-prototyping to give data-driven actionable insights to product manufacturing deficiencies
- **Grain Inventory Management App** AngularJS | Ionic | Cordova | SQLite | Twilio API | MySQL

Other team projects included:

- **Meeting Space System** NodeJS | Socket.IO | Express | Raspberry Pi | Redis | Firehose
Responsive web statistical dashboard for big data (100s events/sec) management of events across IOT networks

Application Developer Intern

Discover Financial

June 2018 - Aug 2018

- Performed domain research in a cross-specialty focus team to present opportunities for entering new markets

Education

B.S., Computer Science

Illinois State University

Aug 2015 - May 2019

4.0 GPA, Dean's List 8 Semesters, 4-year winner of the Integrity Technology Solutions Scholarship, and Mobile App Development Contest Finalist. Additional, unrequired electives taken in distributed systems, parallel computing, artificial intelligence, machine learning, mobile development, cloud computing, database systems, and software design patterns

- Coursework included a variety of technologies leading to familiarity with Python, C, C++, Java, PostgreSQL, Memcached, SageMaker, CloudFormation, Azure Cognitive Services, Firestore, React Native, and Java Spring

Biblical Truth and Church Service Training

Anaheim, CA

Aug 2020 - July 2022

Two-year post-graduate leadership training program. Curriculum includes theological courses, community engagement, and character training.

- Managed a team with its hardware and software processes for the recording, editing, archival, and distribution of 200 hours of class recordings.