

Abe Ramseyer

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Experience

Development Lead, Engagement Coordinator *Christians on Campus* **July 2022 - Present: 3192 hours**

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

- **Bible Reading Challenge System** php | SQLite | Javascript | Cloudflare | Nginx
Personally owned the implementation of a multi-site platform to foster and coordinate group reading schedules for 40-100 participants with complete branding customization, real-time collaboration, graphical statistical insights, email reminders, graphical feedback, multi-schedule management, email reminders, and automated engagement

Full Stack Developer *Creative Sites Media, Inc.* **Jan 2019 - Aug 2020: 3240 hours**

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 Relations Management System** Lambda | Serverless 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** php | MySQL RDS | Apache | Vue.js | EC2 | Lambda | S3 | Google Vision AI
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 archive extractions. Served 100s of internal users.
- **Engineering Change Notice System** NodeJS | MySQL | Vue.js | GraphQL
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 clients to define business and functional requirements with rapid-prototyping to provide data-driven actionable insights to product manufacturing deficiencies
- **Grain Inventory Management Mobile App** AngularJS | Ionic | Cordova | SQLite | Twilio API | MySQL

Other team projects included:

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

Application Developer Intern *Discover Financial* **June 2018 - Aug 2018: 392 hours**

Worked across two agile teams to develop and maintain core systems utilizing Java and Spring Boot

- Performed cross-domain research in a focus team to find opportunities for entering new markets to a board of directors

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.