

Jared Bourgeois

jaredbourgeois.com

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[github.com/
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Education

Louisiana State
University

MS Chemical
Engineering

BS Biochemistry

iOS Developer Apple App Store

Aug 2011 – Aug 2016, Nov 2018 - Present

- Designed and developed the iOS apps *streak* and *driveBlue*
- *streak* motivates users to complete and track the repetitive day-to-day tasks
 - users create “daylies” with custom timeframes and completion conditions
 - completed daylies start a streak that incentivizes users to keep it going
- *driveBlue* gamifies driving economically by giving users a color and value for MPG
 - created a custom algorithm to calculate MPG based on real-time driving conditions
 - utilized EPA vehicle databases and research to calculate unique stats for every vehicle

Lead Engineer (iOS Platform) Target

July 2022 – Present

- Working to maintain a great experience developing and delivering the *Target* app
- Leading Target's iOS observability work, transitioning to the OpenTelemetry standard
- Coordinating across frontend and backend teams to develop and implement a shared spec
- Developing and maintaining Target's iOS Grafana dashboards as code infrastructure

Senior Software Engineer Destination Pet

Feb 2022 – July 2023

- Led architectural direction of green field development of the *Yourgi* app
- Created testable, reusable components allowing us to move quickly and efficiently

Software Engineer Cognizant Softvision

Feb 2020 – Feb 2022

- *Fly Delta* cross platform developer (iOS, Android)
 - Pod tech lead on Delta's award-winning app
 - Worked with pod to implement gift card scanning for both platforms
 - Led iOS and Android development on a collaboration with AMEX for checkout
- *Carter's* mobile Point of Sale (Android)
 - Worked with a small team on green field development for Carter's Point of Sale app
 - Developed and led UX design discussions with Softvision team lead and Carter's
 - Observed deployed app in the field to get real-world feedback

Mobile Developer Continental Finance Company

Sept 2019 – Jan 2020

- Responsible for modernizing and maintaining CFC's iOS and Android Apps
- Created a ZFS snapshotting program using .NET Core (C#)
 - Increases redundancy and reduces storage costs by thousands of dollars per month

Full Stack Developer DXC Technology

Feb 2019 – Sept 2019

- Developed MongoDB database and Express (Node.js) server for a React Native POC
- Trained with DXC University (Skillssoft) in HTML, CSS, JavaScript, SQL, NoSQL

Medical Student LSUHSC New Orleans

Aug 2016 – Nov 2018

- Developed C++ program to calculate patient BMIs and Z-scores for the Department of Orthopedics
- Representative, Aesculapian Society
 - elected by classmates to relay student concerns and advise curriculum development
- Vice President, Evolution in Medicine Journal Club
- Logistics Coordinator, Radiology Interest Group

Non-thesis Master's Research LSU Chemical Engineering

Aug 2013 – Dec 2015

- Ran Linux commands and scripts to handle research data and computing resources
- Used NWChem to calculate quantum chemistry properties of Poly-3-Hexylthiophene (P3HT), a photo-sensitive organosulfur polymer

MCAT Instructor Kaplan, The Princeton Review Mechanical Engineering Assistant Solidex LLC

Aug 2009 – Nov 2018

June 2011 – Aug 2013

Programming

EXPERT

Objective-C

Swift

ADVANCED

C++

Java

Kotlin

Rust

Shell

PROFICIENT

C#

JavaScript

Python

Misc

DATABASES

CoreData

MongoDB

PostgreSQL

DESIGN

Adobe XD

Figma

SERVERS & WEB

Linux

React

Vapor

ZFS

Certifications

AWS Cloud

Practitioner