MARK A. BRYAN

PERSONAL INFORMATION

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EDUCATION

Bachelor of Science in Computer Science

Aug 2014–May 2018 Cornell University — Ithaca, NY

College of Engineering · GPA: 3.46/4.0
Honors: College of Engineering Dean's List

COURSEWORK

Data Structures
Discrete Structures
Introduction to Databases

Computer Architecture and Programming
Probability and Statistics for Engineers
Functional Programming and Data Structures

EXPERIENCE

Jun 2016–Aug 2016 **Software Engineer Intern**

Toast, Inc.

Refactored database layer of Toast's core web application, improving the reliability of deploying database schema changes in both development and production environments, ultimately improving the efficiency of the engineering team. Presented changes to 50+ member engineering team and developed tooling and documentation to rollout changes.

Jan 2014–Present **Developer**

Cornell App Development

Develop applications for Cornell's iOS development team. Implemented features such as a today widget for the team's Eatery app and custom audio players for the group's feed-based music-sharing app. Identified and fixed bugs in team's apps.

Fall 2016 **Teaching Assistant**

Cornell University

Instructing students of CS 4320, Cornell's Introduction to Databases course, through leading weekly office hours, answering online forum questions, and creating homework assignments.

PROJECTS

Hub Android App

Android developer for early-stage startup. Building Android app that integrates with popular music platforms for creating collaborative playlists.

NFL Arrests iPhone App

iPhone application that shows the top crime-committing players in the NFL. Connected app to NFL Arrests API to access JSON data and parse into Player, Arrest, and Team models. Written in Objective-C and documented work on Github repository.

Smoker

Guestbook web application built in Ruby for fraternity to optimize the sign-in process for rush week events.

COMMUNITY SERVICE

Engineering Peer Advisor

Organized and presented at weekly meetings with new engineering students to introduce them to Cornell's College of Engineering resources.

Tutoring

Developed tutoring and communication skills through various tutoring programs. Partnered with Learn To Be, a national online tutoring organization that connects disadvantaged students with volunteer college tutors.

PROGRAMMING SKILLS

Basic Python

Intermediate Objective-C, C, Ruby, JavaScript, Gradle

Advanced Java, Swift, SQL, LaTeX

OTHER INFORMATION

GitHub https://github.com/mrkbryn

Interests Guitar · Biking · Cold-brewed coffee · *The Office*