MARK A. BRYAN

PERSONAL INFORMATION

email	mab539@cornell.edu
phone	(952) 452-6900
mail	106 Cayuga Heights Road, Ithaca, NY 14850

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

Completed

Data Structures	Computer Architecture and Programming
Discrete Structures	Probability and Statistics for Engineers
Introduction to Database Systems	Functional Programming and Data Structures

In Progress

Operating Systems	Natural Language Processing
Networks	

EXPERIENCE

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

Toast, Inc.

Improved database layer of Toast's core web application, increasing the reliability of deploying database schema changes in both development and production environments, ultimately improving the efficiency of the engineering team. Presented changes to 40+ 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.

Aug 2016–Present   **Teaching Assistant, Database Systems**

Cornell University

Conduct weekly office hours, create and update course assignments, and participate in grading for Cornell's Introduction to Database Systems course, CS 4320.

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.

Smoker

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

COMMUNITY SERVICE

Engineering Peer Advisor

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

Tutor

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	RUBY
Intermediate	OBJECTIVE-C, C, PYTHON, JAVASCRIPT, GRADLE
Advanced	JAVA, SWIFT, SQL, LaTeX

OTHER INFORMATION

GitHub	https://github.com/mrkbryn
Interests	Guitar · Biking · Cold-brewed coffee · *The Office*