

# 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

*Completed*      Data Structures      Computer Architecture and Programming  
Discrete Structures      Probability and Statistics for Engineers  
UNIX Tools and Scripting      Functional Programming and Data Structures  
Introduction to Databases

## EXPERIENCE

*Toast, Inc.*      *Jun 2016–Aug 2016*      Software Engineer Intern  
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.

*Cornell App  
Development*      *Jan 2014–Present*      Developer  
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.  
Reference: Eric APPEL · [ema77@cornell.edu](mailto:ema77@cornell.edu)

*Cornell University*      *Fall 2016*      Teaching Assistant  
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 for an early-stage startup.

*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*      Building guestbook web application 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

<i>Basic</i>	PYTHON
<i>Intermediate</i>	OBJECTIVE-C, C, JAVASCRIPT, GROOVY, METEOR, GIT, HTML
<i>Advanced</i>	JAVA, SWIFT, L <sup>A</sup> T <sub>E</sub> X

#### OTHER INFORMATION

<i>GitHub</i>	<a href="https://github.com/mrkbryn">https://github.com/mrkbryn</a>
<i>Interests</i>	Guitar · Biking · Cold-brewed coffee · <i>The Office</i>