BRIAN LUC

1011 West Stoughton, Apt 5
Urbana, 61801
847-767-5828
luc2@illinois.edu, github.com/bluc41, brianluc.com

EDUCATION

University of Illinois, Urbana-Champaign
Expected Graduation: May 2019
Computer Engineering | Cumulative GPA: 3.92
Honors
James Scholar, Dean's List, Offer for HKN (Computer Engineering Honor Society)

SKILLS

LANGUAGES
- C/C++, Python, Java, Clojure, HTML, CSS, JavaScript/JQuery

DEVOPS
- Unix/Bash, Subversion, Git

EXPERIENCE/PROJECTS

Android Development – Lucky Egg Calculator | 2016
- Wrote and published my first Android app on the Play Store, which optimizes the use of the Lucky Egg within Pokémon Go
- Building the app involved working with multiple UI elements, writing the algorithm for calculations, and transferring data between Fragments and Activities.

Android Development – Social Media App | 2016 - Present
- Working on a social media app for Android
- Uses RecyclerViews and ViewPagers for easy user interaction
- Handles parsing JSON from a server and works with a background thread to free up strain on the main thread while reading from a server

Chrome Extension – Cookie Jar | WildHacks 2016
- Increases user productivity by incurring automatic donations towards charity upon visiting blacklisted websites
- Wrote the client-facing extension and associated front-end logic for the app, including using the Stripe API to handle payment processing and sending user browsing data to the server
- Won the best data visualization award at WildHacks 2016 and placed in the top 10 overall projects
- App features sending HTTP Requests to store user data for analysis/visualization, cookies for temporary user storage, using the Stripe API for safe payment processing, uses a multi-factor authentication process, confirming user login with touch-ID on mobile, and a Node/MongoDB backend with D3.js for data visualization

HNBuzzwords | 2016 - Present
- Used Clojure to write an app that scrapes headlines and URLs from Hacker News and ranks them to find buzzwords and popular URLs for a given day
- Used Enlive, a web scraping library for Clojure to extract the headlines and URLs
- Ranks words found in headlines and URLs by assigning each one a weight based on a combination of points and traffic for a post