

# BRIAN LUC

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## EDUCATION

### University of Illinois, Urbana-Champaign

Expected Graduation: December 2018

Computer Science | Cumulative GPA: 3.94

**Honors:** James Scholar, Dean's List

## SKILLS

### LANGUAGES

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

### DEVOPS

- Unix/Bash, Subversion, Git

## EXPERIENCE/PROJECTS

### Piggy Bank | BoilerMake 2017

- Augmented reality game that helps users set and reinforce good habits
- Users can set goals and accomplish them by collecting virtual tokens in augmented reality. Users are penalized for not meeting a weekly goal by donating a set amount towards charity
- Wrote the backend using Node.js, Express.js, and Mongoose.js, as well as a Python script to generate random data
- Placed top 10 overall with 3 teammates

### 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 IMC Financial Markets - 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 storage, the Stripe API for payment processing, multi-factor authentication, and a Node.js/MongoDB backend with D3.js for data visualization

### HNBuzzwords | 2016 - 2016

- 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

### Grapevine | 2016 - Present

- Mobile App that allows users to find and post about social events near them
- Working on RESTful API backend using Node.js, Express.js and MySQL
- Working on integrating Google Places API (reverse geocoding) to cluster user locations into single entities
- Testing with Mocha.js/Chai.js