

# Brandon Walker

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## Software Engineer in St. Louis, MO

My aim is to combine the abstract, cognitive skills gained from my years in philosophy with more concrete, technical programming skills to build software that solves real problems, with a particular focus on (i) building community and (ii) increasing access to quality legal services. Also, I'm obsessed with ping pong, dogs, and learning.

**PHONE** 513-833-7232 | **EMAIL** [bran.david.walker@gmail.com](mailto:bran.david.walker@gmail.com)

**GITHUB** [bearistotle](#) | **LINKEDIN** <https://www.linkedin.com/in/brandon-walker-6aa121190/>

## PROJECT EXPERIENCE

### Community Builder — Connect Organically with Neighbors

- Created web app in Java 8 with SpringBoot for apartment complexes that allows users to connect over shared interests and build community in an organic way.
- *[Planned]* Residents are matched based on activities they enjoy and availability windows for said activities.
- *[Planned]* Residents and property managers can schedule and crowdfund events.

### Reading List — Plan, Track, and Remember What You Read

- Web app written in Python with Flask that increase reader's follow through on finishing books by helping them limit the books they are reading at a time.
- Creates a reading list for users based on books they've added and categorized.
- Allows users to search Google Books by title, author, keyword and pulls data into app..
- *[Planned]* Custom settings for how many books of each category they want to read at once .
- *[Planned]* Allows users to track reading time; helps increase retention by prompting them for a summary after each reading session and after finishing the book.

### Weather App — Historical Weather Data in a Flash

- Command line app written in Python for a local non-profit that wanted to compare their client intake with historical weather data to better allocate resources to times when their client loads are likely to increase.
- Gets data from Dark Sky API for every day between two dates passed in command line and writes to csv file also passed in through the command line.

## WORK EXPERIENCE

### Finance and Data Administrator — The Bail Project, St. Louis

June 2019 - Present

- Ensure creation, submission, and tracking of all paperwork necessary to document bail payments and ensure the return of bail after case disposition.
- Built out a system to efficiently track, identify, and repair holes in data

## SKILLS

### PROGRAMMING LANGUAGES

- Python
- Java
- HTML5/CSS3

### FRAMEWORKS

- Flask
- SpringBoot

### DATABASES

- MySQL

### TOOLS

- tool #1
- tool #2

## AWARDS

**Outstanding Student in Philosophy** for being the top philosophy student at Baylor in 2014.

with Salesforce, Google Sheets, App Scripts, and Zapier.

### **Assistant to the Editor** — Res Philosophica, St. Louis

January 2018 - May 2019

- Professionally formatted academic papers in LaTeX for Saint Louis University's journal of philosophy.
- Subbed for editorial coordinator as needed, mediating communications between authors, referees, and the editor to ensure triple blind review process, as well as managing the workflow for each paper in Asana.

### **Graduate Instructor** — Saint Louis University, St. Louis

August 2017 - December 2018

- Created and taught an Intro to Philosophy course.
- Guided students in development of the skills needed to be a clear thinker and communicator---namely, basic logic and understanding abstract concepts..

## **EDUCATION**

**LaunchCode**, LC101 Programming Course — 2019

**Saint Louis University**, MA, Philosophy — 2019

**Baylor University**, BA, Philosophy — 2014

## **VOLUNTEERING**

**Kairos Academy** — Saint Louis

September 2018 - Present

- Lead parent recruitment effort for a new public charter school, which opened with an inaugural class of 115 sixth-graders in August 2019.
- Helped paint and put together furniture for new building.
- Managed social media from September through December 2018.
- 200 hours to date.

**Saint Louis University** — Saint Louis

August 2015 - May 2019

- Co-organized graduate student conference in 2018.
- Gave comments at graduate student conference in 2017.
- Chaired a session and hosted a student for graduate student conference in 2016.
- Chaired sessions, ran sign-in, helped with set up at various professional philosophy conferences at SLU in 2016 and 2017