

# Brandon L. Canaday

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<https://brandoncanaday.github.io>

## EDUCATION

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### UNIVERSITY OF GEORGIA

*Computer Science (BS)*

**Athens, GA**

*May 2018*

- Presidential Scholar- Spring 2015, Fall 2015, Spring 2016, Fall 2016, Spring 2017, Fall 2017
- Major GPA - 4.0
- Cumulative GPA – 3.99
- Notable Classes: Data Structures (A), Computer Architecture (A), UNIX Programming (A), Algorithms (A), Networks (A), Operating Systems (A)

## PROJECT EXPERIENCE

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### TIPP

*Chrome extension that allows for donations to be made to YouTube creators*

**Personal Project**

*October 2017 – In Progress*

- Leverages multiple PaaS providers (Heroku, mLab, Cloudflare)
- Powers a supplemental, monetary foundation of YouTube creators via the Stripe Connect platform
- Secures donations through the use of JWT authentication, Cloudflare https, and bcrypt hashing
- Exhibits a clean, modern UI with the help of the MaterializeCSS

### EZMP3

*Single-page YouTube video viewing and audio download tool*

**Personal Project**

*May 2017*

- Queries the YouTube Data API via Java servlet to retrieve videos
- Extracts the downloadable audio from the videos via a YouTube-to-mp3 REST API
- Utilizes cookies to allow the persistence of personalized *Watch Later* content
- Employs CSS Grid to provide a responsive UI

## WORK EXPERIENCE

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### AT&T

*TDP Software Development Intern*

**Atlanta, GA**

*June 2017 – August 2017*

- Deployed production-ready code for an internal, company-critical application
- Used modern Java technologies, such as servlets/JSPs, within MVC design pattern
- Utilized JavaScript/Ajax to give my module a user-friendly, single-page feel
- Explored Node.js, Meteor.js, MongoDB, Heroku, ML, and more, in spare time

### UNIVERSITY OF GEORGIA HOUSING

*Resident Assistant*

**Athens, GA**

*July 2016 – May 2017*

- Responsible for 40+ freshman living in Creswell Hall at the University of Georgia
- Entrusted with budget autonomy in the organization of 3 resident programs per semester
- Developed meaningful relationships with students encompassing a wide range of personalities

## SPECIFIC SKILLS

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- Java/Servlets/JSP
- C/C++
- MySQL, MongoDB
- HTML/CSS/JavaScript/Node