

# Blake Hampton

Computer Science Undergraduate looking to further hone programming skills via Software Internship.

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[rblakeh.com](http://rblakeh.com)

## EDUCATION

### University of Colorado, Boulder CO — *Computer Science B.S*

-Technology, Arts, and Media Minor

Graduating - May 2021

GPA:3.351

**Completed Courses:** Algorithms, Data Structures, Computer Systems, Human Computer Interaction, Linear Algebra, Software Development.

**Current and Future Courses:** Data Science, Principles of Programming Languages, Intro to A.I, Data Systems.

**Leadership and Clubs:** RHA Baker Hall Senator, THING Lab, BTU Lab, Cyber Security Club, Vice President and Co-Founder of "SPAR" Student Program for Academic Retention.

## EXPERIENCE

### University of Colorado at Boulder (ATLAS) , Boulder CO— *Undergraduate Research*

Current - December 2019

Ericsson sponsored mixed reality support solution. VR and AR support tool for remote communication with field workers.

### Youth Tech Inc, Keller TX — *Lead Instructor*

June 2018 - August 2018

Taught summer classes to children ages 7-12 covering various softwares such as Scratch, Gamemaker, and Vegas.

## PROJECTS

### eServe — app prototype

Mobile app prototype where small service providers bid for local jobs. Modeled as an Uber for service similar to Taskrabbit or Nextdoor.

### LogCam — raspberry pi photogrammetry housing

Using multiple Raspberry Pi cameras to collect multiple angles of a single animals. Designed to resemble a hollowed log.

### 8-BEAT — C++ terminal application

User enters three bytes which are converted into various sounds loop matching byte patterns.

## LANGUAGES

Python(2yr), C++(2yr), C, C#, Java(2yr), Scala, Javascript, postgresSQL, and Processing.

## Development Tools

Git, Jupyter notebook, Figma, Unity, and Skanect.

### 8-BEAT

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01010101

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Type P to Play

>p\_

Hi-hat

Bass

Drum

