

# Blake Hampton

Computer science undergraduate looking for further experience in industry.

GitHub/GitLab: rBlakeH

rblakeh.com

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## EDUCATION

**B.S. Computer Science** - University of Colorado, Boulder CO  
**Organizations, Leadership and Clubs** - RHA Baker Hall Senator, BTU Lab, Cyber Security Club, Humans v.s Zombies Moderator.

**Graduating** - May 2021

**GPA** - 3.44

## PROFESSIONAL EXPERIENCE

**Software Intern** - Longs Peak Advisory Services, Longmont CO.

(January 2020 - Present) - Leading RPA initiatives to automate company processes with UiPath and Python.

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

(August - December 2019) - Created 3D models for Ericsson sponsored support tool. Utilized virtual reality and augmented reality for remote communication with field workers.

**Lead Instructor** - Youth Tech Inc, Keller TX

(June - August 2018) - Taught summer classes to children ages 7-12 covering various softwares such as Scratch and Gamemaker.

## PROJECTS

**User Experience for Student Web Portal** - consulting report

Conducted usability report for CU Engineering website utilizing Google Analytics data, usability tests, and student surveys.

**eServe** - app prototype

Created app prototype for mock startup eServe using Figma. Modeled as an Uber for home service projects.

**DFW Home Remedies** - website (ongoing project)

Developing website for future housing development.

**LogCam** - raspberry pi photogrammetry housing

Designed and assembled experimental camera housing resembling a hollowed log to encourage animal interaction.

**8-BEAT** - C++ terminal application

Application asking users to enter three bytes which are then converted into various sound loops matching byte patterns.

## Completed Courses

- Algorithms
- Data Structures
- Data Science
- Software Development
- Radical Design
- Human Computer Interaction

## Languages

- Python (4 years)
- Java (2 years)
- C and C# (1 year)
- C++ (1 year)
- CSS
- HTML
- Javascript
- Scala
- SQL

## Development Tools

- Figma
- Google Analytics
- Git
- Jupyter Notebook
- Bootstrap
- Processing
- Flask
- React
- Skanect
- mySQL Workbench
- UiPath
- AWS