

Blake Hampton

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

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EDUCATION

B.S. Computer Science — University of Colorado, Boulder CO
Minor Technology, Arts, and Media

Graduating - May 2021

GPA: 3.44

Organizations, Leadership and Clubs: RHA Baker Hall Senator, BTU Lab, Cyber Security Club, Humans v.s Zombies Moderator.

PROFESSIONAL EXPERIENCE

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

August - 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

User Experience for Student Web Portal — Consulting Reporter

Using Google Analytics data from the CU Engineering website to help aid in page redesign, user testing and written consulting report.

eServe— app prototype

Figma team design project creating app prototype for the mock startup eSever. Prototype modeled as an Uber for service providers.

CUReview — Team website project

Created with Bootstrap, Google Firebase, and PostgreSQL, CUReview tracks students up and down votes for CSCI classes at CU.

LogCam — raspberry pi photogrammetry housing (ongoing project)

Using Python, computer vision and Raspberry Pi Zero W to collect multiple images of a single animal. Designed to resemble a hollowed log to encourage animal interaction.

Completed Courses

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

Languages

- Python (4 years)
 - Pandas
 - Numpy
 - Matplotlib
- Java (4 years)
- C and C# (1 year)
- C++(3 years)
- CSS
- HTML
- Javascript
- Scala
- PostgreSQL

Development Tools

- Figma
- Google Analytics
- Git
- Jupyter Notebook
- Bootstrap
- Processing