

Thomas Young

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Objective

I am currently a student at the University of Colorado Boulder studying Computer Science. I am hard working, great with people, and am looking for an opportunity to use and develop computer skills I already have in a professional setting.

Education

University of Colorado Boulder / Computer Science BS / 2016 – 2020 (*Expected*)

Department GPA: **3.93** / Overall GPA: **3.61**

- Calculus for Engineers 1 & 2
- Data Structures
- Computer Systems
- Algorithms
- Principals of Programming Lang. (in Progress)
- Linear Algebra with CS Applications
- Discrete Structures
- Software Development Methods and Tools
- Data Science
- Into to AI (In Progress)

Skills

- Web Development
- Adobe Illustrator
- Adobe Photoshop
- Data Structures
- Design Patterns
- Linux (Proficient)
- C, C++ (Proficient)
- Python (Proficient)
- Git/GitHub (Proficient)
- MySQL (Proficient)
- HTML/CSS/Bootstrap (Familiar)
- JavaScript (Familiar)
- Scala (Familiar)
- PHP (Familiar)
- QT (Familiar)

Work Experience

National Center for Atmospheric Research (NCAR) / Student Assistant / 2018 - *Current*

Processing and modeling of large datasets using NCAR Command Language and Python for NCAR's Regional Integrated Science Collective. I work in a challenging collaborative environment where I have improved my project management skills and coding practices.

Buff Techs / Computer Support / 2018 – *Current*

Assisting students and faculty with troubleshooting and diagnosing their electronic devices. I was a lead for a summer project to improve services in the workplace. My involvement here has improved my customer service, leadership, and problem-solving skills.

Steve and Kate's / Camp Counselor and Coding Lead / 2017

Coding lead for the camp studio instructing kids from pre-k to 7th grade on learning the basics of programming. My experience at the camp improved my ability to explain complex concepts in technology through simple, more digestible terms.

Projects

Aux Jockey / 2018 - *current*

Designed and created a service which simplifies the process of playing crowd pleasing music at social events and spaces. A host creates an event which guests connect to using a session name. User data, such as most listened to songs and artists, are pulled from their Spotify library and compiled in a MySQL database. From this, a playlist is dynamically created to fit the crowd and environment.

Graduat.io / 2018

A platform to assist students in planning their college career, ensuring they graduate in four years. Takes in classes a user might take, displays them in easy-to-view panels and adds the classes to a custom google calendar. Uses MySQL data base to store user data.

Extra-Curricular

Video Game Programming & Design / Independently 2012 – current

Various forms of Art / Drawing / Painting / Digital Art / 2012 – current

IT Student Governance Board / 2018 - current