



# Jasey Chanders

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2063 Pintail Dr. Longmont, Co 80504

## Technical Skills

### Software Development

Java  
Python  
C++  
JetBrains IDEs  
Git/Github  
HTML/CSS/JS

### Hardware/Electrical

Raspberry Pi  
Arduino  
Basic circuitry  
FRC control systems

### Media Production

Adobe Photoshop  
Adobe Premiere  
Adobe InDesign  
Adobe Illustrator  
Procreate  
Microsoft Office  
Google Suite  
Wix Website Editor

### Other

Intermediate Spanish

## Awards

### Individual Project Grant 2021

Undergraduate Research  
Opportunity Program

### Boettcher Scholar 2020

Boettcher Foundation

### Lifetime Achievement 2020

1619 Up-A-Creek-Robotics

### Thomas J. Synnott Award 2020

APEX Homeschool Program

### Excellence in Art Award 2019

Longmont Artist Guild

I am a passionate designer-creator and love diving into a new project. Whether it's building robots, running businesses, writing code or painting unique bird artwork, I love taking an idea and turning it into reality. I am also a Colorado mountain girl and love backpacking, birding, traveling and telemark skiing.

## Education

### University of Colorado Boulder

2020/present

- Bachelor of Science in Computer Science
- Minor in Leadership through Presidents Leadership Class, minor in Creative Technology and Design
- Boettcher Scholar, Presidents Leadership Class, Engineering Honors Program

### Homeschooled

2006/2020

- Classes at: APEX Homeschool, CU Boulder, Front Range Community College, Online

## Leadership Positions

### Sophomore Class Coordinator - President's Leadership Class

2021/2022

- Organize social events, keep the cohort connected, help with incoming freshman

### Nonprofit Coordinator - Blueprint Boulder

2021/present

- A CU club focused on tech for social good. Develops free software for non-profits
- Recruit and meet with nonprofits to select projects for the Blueprint Boulder Team

### Recitation Leader and Peer Mentor - CU Engineering Honors Program

2021/2022

- Lead freshman recitations, lead and organize community building activities

### Software Lead - 1619 Up-A-Creek-Robotics

2019/2020

- Managed student software team, designed robot control software, taught students

### Stage Manager - APEX Homeschool Theater Program

2019/2020

- Coordinated props, set, costumes, T-shirts, programs

### Robot Operator - 1619 Up-A-Creek-Robotics

2019 & 2020

## Jobs/Businesses

### Mindscribe ([www.mindscribe.org](http://www.mindscribe.org))

May/June 2021

- An interactive physical platform enabling children to reflect and tell stories;
- Transitioned prototype from Arduino to Raspberry Pi; Added multi-lingual and multi-voice functionality and scalable flexibility

### 501 Law

May/June 2021

- Built a website for a start-up law firm working in non-profit law

### Painted Wings Design ([www.paintedwingsdesign.com](http://www.paintedwingsdesign.com))

2019/present

- Founder/owner; Created 21 watercolor greeting cards, Actively sell on Etsy

### Jasey's Little Bakery ([www.jaseychanders.com/bakery](http://www.jaseychanders.com/bakery))

2011/2019

- Founder/owner; Celebration for Young Entrepreneurs Winner - Young American's Bank 2014
- Young Entrepreneur of the Year - Ernst and Young 2014

## Volunteer Work

### Forest Service Pika Research - Steamboat Springs

2017-presesnt

- Hike/backpack to 21 research sites, Collect temperature loggers, survey populations

### FIRST Lego League/Robotics

2016-present

- Refereed 5 state championships, 5 qualifier competitions, Mentored two FLL teams

### Bird Research/Banding - Monteverde, Costa Rica

2018

- 1 month, monitored mist nets, banded/weighed/measured 55 species of tropical birds

### Natuwa Wildlife Sanctuary - Costa Rica

2018

- 1 week, took care of animals confiscated from the illegal pet trade

### Endangered Butterfly Surveys - San Juan Mountains, Colorado

2016 & 2020

- 2 weeks, backpacked into 3 remote, high-altitude sites to survey populations