



Jasey Chanders

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Technical Skills

Software Development

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

Hardware/Electrical

Raspberry Pi
Arduino
Adafruit Boards
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

Education

University of Colorado Boulder - GPA: 3.967 - Graduation 2024 2020/present

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

Relevant Course Work

- Data Structures
- Robotics
- Principals of Programming Languages
- Computer Systems
- Data Science
- Human Computer Interaction
- Software Development
- Cyber Security
- Complex Leadership Challenges
- Algorithms
- Graphic Design
- Meaning of Information Technology

Leadership Positions

Project Co-Lead and Nonprofit Coordinator - Blueprint Boulder 2021/present

- A club focused on tech for social good. Develops free software for non-profits
- Work with nationwide non-profit Earth Force to scope, design and manage a team building a custom judging portal for youth environmental advocacy competitions
- Recruit and meet with nonprofits to select projects for the Blueprint Boulder Team

Recitation Leader and Peer Mentor - CU Engineering Honors Program 2021/present

- Lead freshman recitations, lead and organize community building activities

Sophomore Class Coordinator - President's Leadership Class 2021/2022

- Organized social events, kept the cohort connected, helped with incoming freshman

Software Lead - 1619 Up-A-Creek-Robotics 2019/2020

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

Experience

Mindscribe (www.mindscribe.org) 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

Edwardian LED Dress - Personal Project (www.jaseychanders.com/Led-dress) 2021/2022

- Designed and built dress with full LED skirt, programmed many display patterns

Painted Wings Design (www.paintedwingsdesign.com) 2019/present

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

Forest Service Pika Research - Steamboat Springs 2017-present

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

FIRST Lego League/Robotics 2016-present

- Referee state championships and qualifier competitions, mentored two FLL teams

Endangered Butterfly Surveys - San Juan Mountains, Colorado 2016 & 2020

- Backpacked into remote, high-altitude sites to survey populations