Jasey Chanders

303-532-9602
Boulder, CO
jasey@chanders.com
www.jaseychanders.com
www.linkedin.com/in/jaseychanders

Technical Skills

Software Languages
Kotlin
Python
Circuit Python
Java
C++
HTML/CSS/JS
Scala

Software Development
Android/Android Auto
JetBrains IDEs
Git/Github
React JS

Hardware/Electrical
Raspberry Pi
Arduino
Adafruit Boards
Basic circuitry
Soldering
Component Selection
FRC control systems

Media Production
Microsoft Office
Google Suite
Adobe
Procreate
Wix Website Editor

Other
Intermediate Spanish

Education

University of Colorado Boulder   - GPA: 3.96   - Expected Graduation 2025
- Bachelors Accelerated Masters in Computer Science, Bachelor of Arts in Computer Science
- Specialization in Intelligent Systems. Minors in Leadership, Creative Technology and Design
- Boettcher Scholar, Presidents Leadership Class, Engineering Honors Program

Relevant Course Work (* indicates in progress)

- Data Structures	- Intro to Robotics	- Principles of Programming Languages
- Computer Systems	- Advanced Robotics*	- Human Computer Interaction
- Software Development	- Data Science	- Complex Leadership Challenges
- Algorithms	- Cyber Security	- Global Issues in Leadership*
- Operating Systems*	- Introduction to AI	- Graphic Design

Experience

Development Internship - OnX Maps (www.onxmaps.com/)   Summer 2023
- Full-time Android development engineer, Routing and Navigation Team - 3 months - Kotlin
- Collaborated daily with 3 engineers on high speed internal refactor of Android Auto app tied to product with 1M+ downloads and launching to companion app with 5M+ downloads
- Contributed to cross-functional development team. Merged 16 PRs (~2,200 lines, 30 tickets) into production/pre-production codebase, attended 2x/week scrum stand ups, performed code reviews, presented work to 50+ company engineers, wrote unit tests, iterated design patterns/architecture

Start Up Summer (siliconflatirons.org)   Summer 2023
- Collaborated with 3 person team to create, iterate and pitch a start up - placed 3rd in pitch contest
- Creating a better and more sustainable way to handle buying and getting rid of children's clothing

Carbon Capture Research (www.jaseychanders.com/carbon-capture-research)   Spring 2022
- Dove into the complexities relating to carbon capture/public perception of carbon capture
- Wrote a research paper and created a research presentation poster

Mindscribe Project with CU Research Lab - UROP Project Grant (www.mindscribe.org) Summer 2021
- Transitioned prototype of an interactive physical platform enabling children to reflect and tell stories from Arduino to Raspberry Pi for increased capability
- Multidimensional project including component selection, soldering, architecture design, Python

Edwardian LED Dress - Personal Project (www.jaseychanders.com/Led-dress)   Winter 2022
- Designed and built dress with full 300 LED skirt, programmed 7 display patterns
- Multidimensional project involved component selection, soldering, 3D printing, circuit python

FRC Robotics - 1619 Up-A-Creek-Robotics (www.team1619.org)   2017/2020
- Software Lead, managed 8 student software team, designed robot control software - Java

Project Co-Lead and Nonprofit Coordinator - Blueprint Boulder (blueprintboulder.org)   2021/present
- Collaborated with non-profit Earth Force (15100 student reach) to scope, design and manage a team building a custom judging portal for youth environmental advocacy competitions - React JS
- Recruit and meet with nonprofits to select projects for the Blueprint Boulder Team