

# Arianna Guzzi

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## EDUCATION

### **Bachelor of Science in Creative Technology and Design**

University of Colorado, Boulder || School of Engineering

Boulder, CO

Expected Graduation: May 2025

*Major:* Creative Technology and Design    *Minor:* Computer Science

- *Coursework:* Computer Systems, Web Development, Data Structures, Business Communications, Text, Image, Form
- *Honors:* Dean's List (2020)

## SKILLS

*Programming Languages:* Java, Python, C++, C, HTML, CSS, JavaScript, TypeScript

*Software:* GitHub, Figma, Sketchup, Excel, Adobe Creative Suite: Photoshop, Illustrator, InDesign, Premier Pro, After Effects

## PROJECTS (all projects are detailed at ari-guzzi.com)

### **Personal Webpage** - HTML, CSS, GitHub pages

- Created personal web page for my portfolio to learn web and visual design.
- Applied responsive design for optimal cross-device user experience, showcasing proficiency in user-friendly interfaces.

### **App Prototype for Nonprofit, Natural Highs** - Figma

- Utilized Figma to create a prototype app for Natural Highs that is a social media platform and a client experience database.
- Conducted user testing, gathered feedback, and iteratively refined app for user-centered design.

### **Product Marketing for Fictitious Consumable Product** – Adobe Illustrator, Adobe InDesign

- Crafted a 3D mockup for a fictitious product, showcasing skills in design and product marketing.

## INVOLVMENT AND LEADERSHIP

Blueprint Boulder

2023 – present

### **Assistant Lead for Website Development** – JavaScript/TypeScript, PSQL, GitHub, AWS Services

- Spearhead the migration from Gatsby to Next.js, optimizing component integration.
- Ensured Server-Side Rendering (SSR) and Image Optimization functionality for peak performance.
- Orchestrated deployment on AWS Amplify and configured AWS settings for scalability.
- Actively learned and applied new programming languages and technologies for enhanced functionality.

University of Colorado, Boulder

Spring 2023

### **Learning Assistant, Computer Science 2: Data Structures**

- Host recitations, providing valuable insights and guidance to students.
- Offer comprehensive support by answering student inquiries and grading projects.
- Step in for TA during office hours as needed to ensure smooth course operation.

Blueprint Boulder

2023 – present

### **Non-Profit Coordinator** – Canva, email, Facebook Groups

- Proactively engage with non-profit organizations to foster collaboration with Blueprint.
- Lead discussions to assess feasibility of development projects based on software expertise.

**Campus Involvement:** Phi Sigma Rho, Blueprint Boulder, Rewriting the Code, Tulane U Service-Dog Education Program

## WORK EXPERIENCE

High Country Harley Davidson

Fredrick, CO

### **IT Assistant / Marketing Assistant / Motor Clothes Associate** - Photoshop

May 2021 – August 2023

- Set-up new computers and solved day-to-day problems with the IT department to improve shop productivity.
- Used graphic design skills to create advertising posters. Wrote thank you letters to customers.
- Operated the cash register, logged sales, and reconciled the count at the end of the day.

Unsupervised, INC

Boulder, CO

### **Computer Programmer Intern** - Python, HTML, and Jinja2

May 2020

- Created an internal dashboard so that the data scientists could easily view summary statistics of their work.
- Learned about Kubernetes so the dashboard could display information about Kubernetes nodes.
- Assessed node capacity for pod creation, including runtime, size, resource allocation, memory, and CPU usage.
- Collaborated with engineers, data scientists, and product managers to ensure functional dashboard design and correctness.
- Learned necessary computer languages (Python, HTML, and Jinja2) to properly build the dashboard in an accessible format.