

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

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, JavaScript, 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.