

EMPATHY CASTRO-CHILTON

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WORK EXPERIENCE

CU Change

Sep 2019 - Present

Lead Full Stack Developer and Research Assistant

- Created and maintained web apps for the use of researchers and research participants
- Implemented Clean Code training for new team members
- Developed Extract, Transform, Load (ETL) tools for research study data

Sandia National Laboratories

Jun 2017 - Aug 2019

Computational Software Engineer Intern

- Worked in DevOps team for Sierra engineering simulation software
- Underwent general and Clean Code training
- Familiarized with Agile workflow

EDUCATION

University of Colorado at Boulder

Expected May 2023

Bachelor of Computer Science

GPA: 4.00/4.00

Relevant coursework:

- CyberSecurity
- Design and Analysis of Database Systems
- Object-Oriented Analysis and Design
- Human-Computer Interaction

ACHIEVEMENTS

Phi Sigma Pi: National Honor Fraternity

Sep 2021 - Present

Delta Sigma Chapter · Chapter Secretary

- Maintained and improved the chapter website
- Managed membership requirements, event attendance, and other logistical processes

SKILLS

Highly Proficient in Python, SQL, Git, and More

- Python, including web frameworks such as Flask and Django
- Database systems, including SQL, MongoDB, and Firestore
- Git, HTML, CSS, Javascript, Java, and NodeJS