

# Tanner O'Rourke

## Software Developer, Interface Designer

Creative-minded Software Developer recently graduated from UC-Boulder with professional and scholarly experience developing effective user-centric interfaces from design to launch. Highly skilled at composing exceptional yet practical software. Incorporates an exquisite proficiency to communicate the User Experience as part of a team and in my deliverables.

## Education

**B.S. in Computer Science, HCI** - *University of Colorado Boulder*  
*Graduated May 2020*

- 3.3 GPA
- 2x Dean's List
- Chancellor's Scholar
- Madrid, Spain Engineering & Society Study Abroad (Spring 2019)

## Work Experience

**Technical Consultant** - *London Bridge Studios*  
*Summer 2019*

- Boosted website traffic and studio tours over 40%+ by remodeling page-level design flows and the Visual Design, to promote a higher conversion rate of studio awareness for a world-renowned studio.
- Conserved studio branding and improved transparency of content by guiding a Contextual Analysis.

**Software Engineering Intern** - *Liberty Oil Services*  
*Summer 2018*

- Spearheaded development and piloted an enterprise app automating and authenticating daily data-sheet exchanges processes between field and corporate manager's.
- Co-developed and presented an Iridium-LTE sensor and cross-platform Java dashboard to company executives enabling real-time high-precision oil-well metrics.

## Project Experience

**UX/UI Design Lead, Front-End Developer** - *Donations Make A Difference*  
*Sept 2019 - June 2020*

- Supervised a 6-person senior project team and product owners in translating user research, use cases, and business goals into UX Requirements and iterating stages of UI mockups.
- Produced Information Architecture, flow diagrams, site maps, style guides, and high-fidelity prototypes clearly illustrating website interactions and visual design.
- Verified Usability and Visual Design of front-end deliverables by reconsulting domain research, Requirements and Prototypes.
- Collaborated on Agile development of React components across the front-end of varying complexity and function.

**Data Analyst** - *Temporal Musical-Trend Mining + Paper*  
*Sept - Dec 2018*

- Classified past, present, and future shifts in attributes of American music by analyzing a 1.2 million song dataset of 80 years of popular music with the Spotify API.
- Conducted data wrangling, cleaning, and transformation in order to prepare temporal, clustered, and regression-based data models.

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## Specialities

### Design

Iterative Design Cycle  
User-Centered Design  
[Micro] Interaction Design  
Human-Computer Interaction  
Cognitive Psychology  
Visual Communication  
Prototyping  
Usability Testing  
UX Writing  
Requirements Documentation

### Development

Agile, Lean Development  
Continuous Integration & Development  
Information Architecture  
GUI, E2E, Functional Testing  
Data Analysis & Visualization

### Languages

HTML, CSS, JavaScript, React, Node.js,  
Python, C#, Java, SQL, MongoDB, Express

### Tools

Pen & Paper, Figma, Sketch, Illustrator,  
Dreamweaver, GitHub, Heroku, Mocha,  
MS Visual Studio, Google Cloud

## Soft Skills

Emotional Intelligence

Active Listening

Teamwork

Effective Communication

Adaptability

Attention to Detail

## Additional

### Organizations

Phi Kappa Tau, Executive Secretary, 2018  
HackCU (Hackathons), 2016 - 2020  
CU-Boulder Club Soccer, 2016-2019

### Interests

🧑‍🏔️ Alpine Mountaineering

🧘 Mental Health, Meditation

⚽ Soccer

🎸 Guitar