ISAAC SHEETS

Web Developer
Mobile App Developer
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GitHub, Web Portfolio, Design Journal: `creative.colorado.edu/~issh3780/intern`

EDUCATION

University of Colorado Boulder · AUG 2016 - PRESENT
College of Engineering and Applied Science

BS Technology, Arts, and Media

An engineering program that focuses on the intersections of technology and design techniques to create rich interactive experiences such as web and mobile applications while taking the needs of the user into account.

Graduation: DEC 2019
GPA: 3.7

SKILLS

Swift
Java
Xcode
Android Studio
HTML
CSS
JavaScript/jQuery
React
Adobe Design Suite
Rapid Prototyping
C/C++
Arduino

EXPERIENCE

Code (ATLS 1300) · Teaching Assistant · SPRING 2019
- Manage a weekly recitation to introduce students to basic coding concepts through the use of P5.js resulting in an understanding of how code works
- Facilitate peer critiques and evaluated student work based on the requirements of the assignment
- Hold office hours to further help students work through specific problems they encountered

RELEVANT COURSE WORK

Mobile Application Development · AUG 2018 - PRESENT
- Learned the history of the mobile computing platform
- Designed intuitive mobile user interfaces taking unique, platform-specific UI challenges into account
- Developed multi-view iOS and Android apps using the iOS SDK/Swift and Android SDK/Java
- Gained an understanding of data flow and storage, on both the client and server

Front End Web Development · AUG 2018 - DEC 2018
- Created immersive user experiences that enhance engagement and communication
- Became proficient in fundamental programming concepts using advanced JavaScript/jQuery
- Developed web applications using modern libraries and frameworks such as React
- Utilized HTML5 APIs

Data Structures · AUG 2017 - DEC 2017
- Defined basic data types (vector, stack, queue, priority queue, map, list)
- Designed new classes using the principle of information hiding for array-based collections, list-based collections , stacks, queues, priority queues, binary search trees, heaps, hash tables, and graphs
- Determined an appropriate data structure for given problems