Asutosh Dhakal

http://asutoshdhakal.github.io

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EDUCATION

UNIVERSITY OF TEXAS AT AUSTIN
BS in Computer Science
Expected May 2020 | Austin, TX
Minor in Business
University Honors
GPA: 3.7/4.0

COPPELL HIGH SCHOOL
Grad. June 2016 | Coppell, Texas
National AP Scholar
National Merit Finalist

LINKS

Github:// **asutoshCS**
LinkedIn:// **asutoshdhakal**
Website:// **asutoshdhakal.github.io**

COURSEWORK

Current (Spring 2017)
Data Structures and Algorithms
Computational Intelligence
Discrete Mathematics
Differential and Integral Calculus
Linear Algebra: Matrices

SKILLS

LANGUAGES/PLATFORMS
Proficient:
Java
Exposure to:
Python • iOS • Android • Drupal
HTML • CSS • JavaScript • Node.js
MongoDB • Mongoose

ACTIVITIES

CODEPATH UNIVERSITY
- A highly selective course on iOS development, using a project based approach.

MOBILE APP DEVELOPMENT
- Learning mobile development while engaging in various side projects

WICS
- Dedicated to building a network community of women in CS

EXPERIENCE

LIVESTRONG FOUNDATION | Software Engineering Intern
Jan 2017 – May 2017 | Austin, TX
- Developing the "Livestrong at the YMCA" website using Drupal, Node.js, and other back-end and front-end technologies such as HTML, CSS, Java, Mongoose, and MongoDB.
- Working with the Digital Solutions team under Scrum and Agile methodologies, attending team meetings and presenting new work.

REGMI LAW GROUP | Data Entry Clerk
May 2015 – Aug 2015 | Dallas, TX
- Contacted clients about paperwork and scheduled appointments through phone calls and emails.
- Sorted data of clients into MyCase profiles and organized cases by type and date.

PROJECTS

OPTIMIZATION ALGORITHMS | Python
January 2017
A series of optimization algorithms that uses methods such as gradient ascent/descent, hill-climbing, and single-state methods. Computational Intelligence course. Utilized numpy, matplotlib, pandas and other Python libraries.

WHEREUT? | Android and iOS
October 2016 – Present
Building a mobile app that allows users to create friend groups and invite friends to various locations. Used the Google Map API to create different markers to allow users to view their invites in an efficient way, and implemented the use of Firebase for backend user authentication.

GUITAR HERO | Java
December 2016
A fully functioning piano/guitar GUI in Java. Used several OOP principles such as inheritance and polymorphism. Implemented a ring buffer which acted like an ArrayList.

SOUNDCHANGER | iOS
November 2016
An app that allows the user to record an audio recording and change the audio with different filters.

YIK YAK | Android
September 2016
Created a Yik Yak like application from the bottom up utilizing Google Firebase to store user input and utilized recycler views for the first time.

MARK UP | HTML, CSS, JavaScript
May 2016
A Google Chrome extension that allows users to automatically add citations and notes from a webpage onto the panel of the extension, later saving it as a txt.file. First time using HTML, CSS, and JavaScript.