

SHIVANG SINGH

11204 Ladera Vista Dr | Austin, TX 78759
(512)968-9206
shivang.singh.tx@gmail.com
github.com/SShivang

EDUCATION

Computer Science, University of Texas at Austin	2017-2021
High School, Liberal Arts and Science Academy (LASA), Austin	2014- 2017

EXPERIENCE

2017-present

Founder, EduGuide, a Mobile App for College Admissions Guidance

- Worked on developing an Android app with a web component that provides students recommendations on colleges and extracurricular activities based on a clustering based algorithm that uses the data of students with the similar profiles and interests.

2016-2017

Intern, Hoffmann Labs, UT Computational Biology

- Performed computational analysis using R on embryonic data of various species to test for divergence based on gene expressions data.

Molecular and Computational Biology Student Researcher (University of Texas)

2014-2016

- Worked on assembling bacterial genomes as well as arrays of individual bacterial colonies on petri dishes in Dr. Greg Palmer's lab

Software Developer Intern (Face-to-Face Integrated Technologies)

2016

- Prepared and integrated Crystal reports into a .Net based web application used for managing the child welfare program of the South Dakota tribes.

PROGRAMMING SKILLS AND TOOLS

Java, Android, XML, HTML/CSS/JS/jQuery, R, Python, Crystal Reports, Eclipse, Android Studio, Git, Linux

COMMUNITY AND VOLUNTEER SERVICE

Volunteer, Seton Medical Center

2014

- Assisted the Case Managers in organizing and delivering patient files and helped at front desk.

Volunteer, Austin Public Library

2013-2014

- Assisted the librarian in managing various tasks in youth section. Helped organize youth outreach by designing and conducting robotics workshop for underrepresented students

HONORS AND AWARDS

Texas State Best Scientific Writing Award	2017
State Science Fair	2017
Trustee Award (Austin ISD top 10% all 4 years of high school)	2014-2016
Austin Regional Science Fair	2015
National Spanish Exam Silver Medalist	2014