TRISTAN BURKE

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EDUCATION

UC BERKELEY
B.S. in Computer Science
Expected May 2019

SKILLS

Python • Java • C • Unix •
HTML • CSS • Javascript •
Git • Angular2 • Django

COURSEWORK

Data Structures
Algorithms
Advanced Data Structures
Computer Architecture
Probability Theory
Electrical Engineering
Prototyping and Fabrication

LINKS

Linkedin in/tristan-burke-386865128/
Github /tristan-burke

PERSONAL

Born in New Jersey,
Raised in London.
US/UK Dual Citizen.
Music Lover: plays piano,
drums, and bass.
Member of Jazz-Funk band
Pizzafest 2016 Winner

EXPERIENCE

SYAPSE INC | SOFTWARE ENGINEERING INTERN
San Fransisco, June - August 2017
Medical software company providing oncologists with tools and analytics to enable "Precision Medicine". Joined 10 person Clinical Data Integration team and worked on pipelining customer data into company storage.

UC BERKELEY | COMPUTER SCIENCE TUTOR
Berkeley, Jan 2017 - Present
Tutored, tested, and graded UC Berkeley students in Python, Java, Unix, and C.

UCONNECT | SOFTWARE INTERN
Boston, June - August 2016
Created, updated, and modified over 30+ websites, each with thousands of users, using Wordpress, PHP, HTML

PROJECTS

BIASEARCH | WEB APPLICATION
Web application that prompts a user for an article url, scrapes the web for articles on the same topic, and then presents the user with related articles originating from differing biases

LOW POLY | IMAGE ANALYSIS
Java program that accepts a photo and returns a "low-poly" version of the photo using pixel analysis and Delauney Triangulation Algorithms.

MANIFEST CONTROL | GOOGLE APPS SCRIPT
Google Apps Script (Javascript-based) that when added to Google Sheets backend, gives basic version control to Sheets, including basic diff, merge, pull and other commands.

OTHER

SAT: MATH(770) READING (750) WRITING(750)
AP'S: CS, CALC BC, BOTH PHYSICS C TESTS, MUSIC THEORY, *(5 IN ALL TESTS)*
LEADERSHIP: CAPTAIN OF HS RUGBY TEAM, HS SKI CLUB PRESIDENT, HS BAND LEADER, BERKELEY IFC VICE PRESIDENT