

Nabeel Shaikh

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EDUCATION

University of California, Los Angeles

B.S. in Computer Science

September 2019 – June 2023

- GPA: 3.51

EXPERIENCE

UCLA School of Dentistry

Undergraduate Researcher

November 2019 – March 2020

- Implemented a simple ETL pipeline to filter out noise from toothbrush sensor data in order to build regression models to categorize effective toothbrushing techniques (MATLAB)
- Part of a joint study with the UCLA Big Data and Complex Networks Group

Muslim Community Association

Independent Contractor

July 2019 – September 2019

- Organized a team of two to create a database cataloging documentation and metadata for essential facility equipment including sprinklers and fire alarms (Excel)
- Uploaded equipment documentation and metadata to a computerized maintenance management system to facilitate more effective handling of maintenance work orders (Hippo CMMS)
- Created tutorial videos demonstrating use of the new system for 50+ facility employees

Logicure Global, Inc.

Teaching Assistant

January 2014 – August 2016

- Taught elementary and middle school students how to program simple games at two Santa Clara schools (Scratch, App Inventor)
- Pioneered an introductory Java programming curriculum for middle school students (variables, conditionals, loops, and classes)

PROJECTS

Source code available on my GitHub

nabeelshaikh.com A personal website (HTML, Bootstrap)

Project Theia A tool for viewing websites from different locations (MERN, Python)

topo_order_commits A script that topologically orders Git commits (Python)

COURSEWORK

Completed

- Data Structures (C++)
- Computer Organization (C)
- Software Construction (Bash, C, Lisp, Node.js, Python, React)

Current

- Algorithms and Complexity
- Operating Systems (C)

Upcoming

- Networking (C)
- Databases (SQL)

LANGUAGES

- C++ •••••
- C ••••
- Python ••••
- HTML •••
- Bash ••
- Java ••
- MATLAB •

SOFTWARE

- Bootstrap
- GDB
- Git
- Linux
- Make
- MongoDB
- Node.js
- Valgrind
- VirtualBox