Nabeel Shaikh

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EDUCATION

University of California, Los Angeles

B.S. in Computer Science   September 2019 – June 2023

EXPERIENCE

CDK Global   June 2021 – present

Development Platform Intern

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

PROJECTS

Source code available on my GitHub

binclass-heartdisease Data science project that predicts heart disease patients (Python)

linreg-nyairbnbs Data science project that analyzes New York Airbnb prices (Python)

nabeelshaikh.com Personal website (HTML, Bootstrap)

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

topo_order_commits Script that topologically orders Git commits (Python)

COURSEWORK

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