Zaid Yazadi

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https://zy-131.github.io

Education

Pennsylvania State University, State College, PA
*June 2018 – May 2022 (**B.S. in Computer Engineering**)*
- Dean's List (GPA: 3.78)

Relevant Courses:
- Fundamentals of Python / **Data Structures & Algorithms** / **Object-Oriented Programming**
- **Computer Organization & Design** / Circuits & Devices / Signal Processing & Systems
- **Linear Algebra**/ **Ordinary Differential Equations**/ Multivariable Calculus/ **Discrete Mathematics for Computer Science**

Experience

CISCO SYSTEMS, SAN JOSE, CA
Shadow Program (Student Intern), July 2017 – July 2017
- Analyzed Cisco S.M.A.R.T. (Self-Monitoring, Analysis and Reporting Technology) data to determine failing or failed hard drives in the system
- Studied computer hardware (HDD, Chassis, ASIC chips, etc.)
- Met and discussed roles & experiences w/ technical leads, executives, and CEO, Chuck Robbins

HACKPSU, UNIVERSITY PARK, PA
Student, March 16-17, 2019
- Co-led & coded Python program that attempts to learn the pattern of 2 characters in a shuffled list with built-in Python libraries

GURUKULAM ENRICHMENT CENTER, SAN JOSE, CA
Computer Science Instructor, June 2019 – August 2019

AIRV LABS / SIMULATED SURGICAL SYSTEMS, SAN JOSE, CA
Software Engineering Intern, June 2020 – August 2020
- Tested Robotic Surgery Simulation Software for functionality before client product demonstration
- Tested Nibiru HMD for software compatibility replacing Oculus products which led to decreases in development costs
- Assisted in the creation of a patent application for VR telecommunication product

IBM, REMOTE (SAN JOSE, CA)
Federal Sector Early ID Program, June 2020 – November 2020
- Attended multiple webinars geared to advance students in federal consulting roles
- Won Case Project Competition (decreasing accreditation fraud and cost of Federal Accreditation Process w/ use of automation & ML) in team of 2 other mentees in varying fields of expertise

Awards & Honors

EAGLE SCOUT, TROOP 251 - *Silicon Valley Monterey Bay Council (055) – August 30, 2017*
- Created and led Coat and Toy Drive for Syrian refugees

AWARD OF APPRECIATION - *Helping Hand, San Jose, CA (*https://www.hhrd.org/*)*
- For organizing & leading various charity drives and fundraisers

Skills

- Skilled/Knowledgeable in **Java**, **Python**, **HTML**, **SQL**, **C**, **Verilog**, **MIPS** and **Git**
- Experience in **VR development on Unity**
- Bilingual in Urdu and English