

EDUCATION

University of California, Davis B.S Computer Science Cybersecurity Club, Computer Science Club, Multiple Cultural Organizations	Mar. 2021
Imperial College London, UK One year study abroad program at the #8th university in the world.	Fall 2019 to Spring 2020

EMPLOYMENT

AT&T CHIEF DATA OFFICE, STRATEGIC PLANNING Software Engineering Intern	Dallas, Texas, USA June 2019 to Aug. 2019
<ul style="list-style-type: none">Developed an Augmented Reality (AR) project with five team members. Goal: To reduce the failure rate in router Customer Self Installations (CSI) saving the company \$28M (projected).Organized micro-services code on an internal application to make it more dynamic and easier for business users.Worked with cross-functional teams and key stakeholders to bring projects closer to production.Pioneered novel technical project for internal "Shark Tank" competition. Project: Using Natural Language Processing (NLP) to enhance Business Intelligence (BI), Data Insights, Customer Experience, and Brand Insights by understanding customer reviews and sentiment. Gathered information from across the organization to narrow scope and direction. Presented to Technical and Non-Technical Audience (VP's, Engineers, Supervisors)	
SACRAMENTO MUNICIPAL UTILITIES DISTRICT Software Development R&D Intern	Sacramento, California, USA Oct. 2018 to June 2019
<ul style="list-style-type: none">Developed Python Web Application to implement SMUD's Pricing API with IFTTT to automate smart home experiences. Demonstrated proof of concept to supervisors and wrote clear, concise technical documentation for a smooth transition to a new developer for further continuation. I also wrote the initial project proposal and presented to supervisors (justification, goals, budget, milestones).Automated data mining of 17,000 permit records from the Sacramento City website using Python (Selenium, BeautifulSoup).Updated dynamic electricity pricing schedules for 2019 using ExcelResponsible for User Acceptance Testing (UAT) for a Price Communication App developed by a third-party vendor.	
AT&T NETWORK OPERATIONS CENTER Engineering and Operations Intern	Sacramento, California, USA June 2018 to Sept. 2018
<ul style="list-style-type: none">Delivered weekly operational reports from Microsoft Power BI to assist management in operational efficiency and decision making.Compared query speeds through SQL database analysis with Oracle TOAD and MS SQL Server Management App.Completed Internal Trainings: IP Routing (OSFP, BGP, VRRP), Inter-networking TCP/IP (VoIP, connection and connectionless services, OS model), 4G LTE, spectrum, capacity, and coverage, VoLTE), Software Defined Networking (concept, architecture, uses), Scrum Overview, Design Thinking.	
UNIVERSITY OF CALIFORNIA, DAVIS Economics Research Associate	Davis, California, USA Jan. 2018 to June 2018
<ul style="list-style-type: none">Analyzed data on the implementation of World Health Organization legal code on infant food products.Systematically gathered health outcomes, lobbying efforts, and complaints at the World Trade Organization, impacting direction and content of research paper.	
Teaching Assistant, Computer Technology Course	Davis, California, USA Sept. 2017 to Dec. 2017
<ul style="list-style-type: none">Facilitated teaching in Web Design, Excel with functions, Advanced Microsoft Word, Open Office & Microsoft Access Databases to 80 students weekly.Developed teaching material and processes for students to emulate during labs	
TECHSOUP, CARAVAN STUDIOS Product Management Intern	San Francisco, California, USA June 2017 to Sept. 2017
<ul style="list-style-type: none">Researched UI designs of dashboards, designed InVision prototypes for share feature and created an instructional promo video.Hacked Chromecast to display app dashboard analytics on office TV and organized product development life cycle in Trello cards increasing productivity and workflow.	

PROJECTS

UC DAVIS PENETRATION TEST Discovered the vulnerability of 500+ exposed personally identifiable info. Wrote automation script to test vulnerability. Wrote technical documentation of bug and reproduction steps for exploitation. [Python + Libraries]
YELLOW PAGES DATA MINER Built scraper to iterate 1800 URL's and automate data mining of 10,000 units of names, addresses, zip codes and phone numbers for mapping and analysis for a PhD level project. [Python + Libraries]

SKILLS

LANGUAGES AND TECHNOLOGIES	SOFTWARE	SOFT SKILLS	NATURAL LANGUAGES
Python, SQL, C/C++	Adobe XD, Photoshop	Excellent verbal and written communication	English
Penetration Testing	Github	Attention to detail and strong organization	Urdu
Cyber Security	MS Excel & Access Databases	Technical Writing	Hindi
Kali Linux and associated applications	InVision, Canva	Reverse Engineering	Spanish
TCP/IP Knowledge	Google CoLab	Agile Methodology	Punjabi
SSH, DNS, HTTPS	Final Cut Pro	Project Management	Arabic
Automation	Jira/Trello/Asana	Peer-Mentoring	
VMs		Leadership	
IFTTT		Positive Attitude	
APIs		Public Speaking & Presentation	
Unix/Linux		User Research, Testing, Usability Studies, Heuristics	
Data Scraping		Design Thinking, Prototyping	
HTML/CSS/JS		Sourcing, Collecting & Analyzing Data	
Node JS		Very Coachable and Fast Learner	