HAMMAD ZAHID

✉ zahid.hammad8@gmail.com 🌐 www.hammadzahid.com 📞 510-926-8278 in https://www.linkedin.com/in/hammadzahid/

EDUCATION

Imperial College London, UK Fall 2019 to Spring 2020
Year long study abroad in computer science

University of California, Davis, USA Sept. 2015 to June 2019
B.S Computer Science 2019
Web Programming, Object-Oriented Programming, Data Structures and Algorithms, Statistics for Engineers, Advanced Statistical Computing, Discrete Math, Computer Architecture, Networks, Databases, Ethics in Technology, Entreprenuership for Engineers

EMPLOYMENT

AT&T | Chief Data Office, Strategic Planning Dallas, Texas, USA
Software Engineering Intern June 2019 to Current
- Developing Augmented Reality (AR) project with Unity to assist customers in router Customer Self Installations (CSI).
- Front-end development using D3, node.js, HTML/CSS/JS for Data Visualization

Sacramento Municipal Utilities District Sacramento, California, USA
Software Development R&D Intern Oct. 2018 to June 2019
- 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 Excel
- Responsible for User Acceptance Testing (UAT) for a Price Communication App developed by a third-party vendor.

AT&T | Network Operations Center Sacramento, California, USA
Engineering and Operations Intern June 2018 to Sept. 2018
- Compared query speeds through SQL database analysis with Oracle TOAD and MS SQL Server Management App.
- Delivered weekly operational reports from Microsoft Power BI to assist management in operational efficiency and decision making.
- 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 Davis, California, USA
Economics Research Associate Jan. 2018 to June 2018
- 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.

Davis, California, USA
Intern Teaching Assistant, Computer Technology Course Sept. 2017 to Dec. 2017
- Facilitated teaching in Web Design, Excel with functions, Advanced Microsoft Word, Open Office & Microsoft Access Databases to 80 students weekly.

Techsoup, Caravan Studios San Francisco, California, USA
Product Management Intern June 2017 to Sept. 2017
- 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.

INNOVATIONS

BlinkTutor
Prototyped GPS proximity on-demand tutoring app, used foundation framework, Google Cloud server and implemented domain hosting at HackEDU and Launch Hackathon.

Pixs and Places Web App
Built web app to display location of an image using landmark detection from Google's Cloud Vision and Maps API at HackDavis.

Yellow Pages Data Miner
Built Python scraper to iterate 1800 URL's and data mine 10,000 units of names, addresses, zip codes and phone numbers for mapping and analysis for a PhD level project.

HOBBIES

Member | UC Davis Computer Science Club

President | Association for Professional Development

Traveling, Flipping Bikes, Retail Arbitrage, Cooking, Entrepreneurship

Coaching, Mentoring Peers

SKILLS

LANGUAGES AND TECHNOLOGIES	SOFTWARE	SOFT SKILLS	NATURAL LANGUAGES
Python, SQL, C/C++	Adobe XD, Photoshop	User Research, Usability Studies, Heuristics	English
HTML/CSS/JS	Github	Design Thinking, Prototyping	Urdu
Node JS	MS Excel & Access Databases	Sourcing, Collecting & Analyzing Data	Hindi
Bootstrap/Foundation	InVision, Canva	Leadership	Spanish
Linux/Unix	Google CoLab	Positive Attitude	Punjabi
TCP/IP Knowledge	Final Cut Pro	Public Speaking & Presentation	
SSH, DNS, HTTPS			