Hammad Zahid

Personal Info

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Website
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LinkedIn
www.linkedin.com/in/hammadzahid

Languages

Proficient: Python, C/C++, SQL, SQLite DB

Proficient: HTML, CSS, Javascript, Node JS

Proficient: Bootstrap and Foundation Web frameworks

Familiar: Linux, Unix, TCP & IP Knowledge, SSH, DNS

Software

Proficient: Microsoft Excel & MS Access Databases

Proficient: Adobe Photoshop, Canva, InVision Prototyping

Familiar: Github, Sharepoint, Google Drive

Soft Skills

Proficient: Research, Sourcing, Collecting & Analyzing data

Strong: Leadership, Presentation, Teamwork, Positive Attitude

Strong: Verbal & Written Communication, Public Speaking

Natural Languages

English, Urdu, Hindi, Punjabi, Spanish

Clubs and Hobbies

Computer Science Club (member)

Association for Professional Development (co-president)

Traveling, Flipping Bikes, Making Youtube Videos, Cooking, Soccer

Education

Sep 2015 - Dec 2019

UC Davis - B.S Computer Science, Minor - Economics
Web Programming, Object-Oriented programming, Data Structures and Algorithms, Statistics for Engineers, Discrete Math, Ethics in Technology.

Experience

Oct 2018 - present

STEM Intern
Sacramento Municipal Utilities District (SMUD)
- Automated data mining of 17,000 permit records from the Sacramento City website using Python (Selenium, BeautifulSoup packages).
- Updated dynamic pricing schedules for 2019 using Excel and Participated in User Acceptance Testing (UAT) for a Price Communication App developed by a third-party vendor.

Jun 2018 - Sep 2018

Engineering and Operations Intern
AT&T, Ethernet and Networking Operations Center
- 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, OSI model), 4G LTE, spectrum, capacity, and coverage, VoLTE), Software Defined Networking (concept, architecture, uses), Scrum Overview, Design Thinking and other ongoing trainings.

Jan 2018 - Jun 2018

Economics Research Assistant
University of California, Davis
- Analyzed data on implementation of WHO legal code on infant food products. Systematically gathered health outcomes, lobbying efforts, and complaints at the WTO, impacting direction and content of research paper.

Sep 2017 - Dec 2017

Intern TA - Computer Technology Course
University of California, Davis
- Facilitated teaching in Web Design, Excel with functions, Advanced Microsoft Word, Open Office & Microsoft Access Databases to 80 students weekly.

Jun 2017 - Sep 2017

Product Development Intern
Techsoup, Caravan Studios
- 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.

Jun 2017 - Jul 2017

Computational Economics Research Assisant
University of California, Davis
- 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.

Projects

- **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**: Built web app to display location of an image using landmark detection from Google's Cloud Vision and Maps API at HackDavis.