Hammad Zahid

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Education

University of California, Davis   Class of 2019

Major: Computer Science | Minor: Economics

Relevant coursework: Programming and problem Solving (taught in C), Software Engineering and Object-Oriented programming (C++), Data Structures and Algorithms, Discrete Math, Applications of Computer Technology, Calculus, Microeconomics, Macroeconomics

Projects

- UI/UX, graphic design and web developer at HackEDU and Launch Hackathon, developing GPS proximity on-demand tutoring app, used foundation framework, Google Cloud server and implemented domain hosting. Built application prototype.
- College Loan vs. Investment Calculator, temperature conversation program, text-based paint game, Matrix Calculator (All in C)

Skills and Technologies

- Proficient in Unix/Linux, GitHub, Basics/Intermediate in HTML, CSS, JavaScript, NodeJS C, C++, Python, MS Suite, Google Documents, Adobe Photoshop, Illustrator, Canva, Invision, Final Cut Pro, wire-framing, prototyping
- Proficient in online research, interpreting, recording, organizing data. Confident working independently or collaboratively in a team.
- Excellent communication skills, public speaking, fluent in English, Spanish, Urdu, Hindi, Punjabi and learning Arabic.

Experience

University of California, Davis: Intern Teaching Assistant – Applications of Computer Tech course   Sept. – Dec. 2017

- Facilitated teaching in Web Design, Excel with functions, Advanced Microsoft Word, Open Office & Microsoft Access Databases

TechSoup: Product Development Intern   June – Sept. 2017

- Researched UI Designs of dashboards for re-designs | Designed InVision prototypes for share feature| Created promo video
- Hacked Chromecast to display dashboard analytics on office TV| Organized product development life cycle in Trello cards

University of California, Davis: Computational Economics Research Assistant   June 2017- Aug. 2017

- Built Python scraper to iterate 1800 URL's and data mine 10,000 units of critical business information for mapping purposes

Bay Area Airport Transportation: Technology and Operations Expert   June 2011- Dec. 2016

- Designed graphic elements for company website, customizing for easy readability, aesthetic and aimed perception.
- Implemented PayPal and Forms API optimizing the booking and payment system, increasing revenue by over 215%.
- Enhanced website SEO content, email administration, reservation organization, vehicle dispatch, customer relations.

Lawrence Berkeley National Laboratory: Intern Lab Technician   June – Aug. 2014

- Researched, analyzed and experimented with cellulose-degrading bacteria to create synthetic biofuels and renewable energy sources
- Interpreted and analyzed lab data paying attention to key details to evaluate accuracy, declare new discoveries, share information, and make recommendations for future improvement to lab procedures, logging all information in well-kept lab journal.
- Employed scientific lab techniques to conduct experiments and research.

Student Government & Leadership   Sept. 2012 – June 2015

- Associated Student Body (ASB) President, ASB Vice President, and Student Council representative, presiding over 3200 students.
- Led weekly meetings, met with administration. Organized and conducted events: shows, retreats, lunches, forums.

Awards

Congresswoman Barbara Lee Certificate of Recognition, CA State Senate Scholastic Achievement Award, Department of Energy Certificate of Accomplishment, Berkeley Community Fund Scholarship, Youth and Government debate champion.