Hamza Ahmed

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EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY
BA in Computer Science (CS)
Expected May 2017 | Berkeley, CA
College of Letters & Science

DHAHRAN HIGH SCHOOL
Grad. May 2013 | Dhahran, Saudi Arabia
Scholar of the Year (2013)

COURSEWORK

UNDERGRADUATE
Structure and Interpretation of Computer Programs (CS61A)
Data Structures (CS61B)
Machine Structures & Computer Architecture (CS61C)
Discrete Mathematics & Probability Theory (CS70)
Efficient Algorithms & Intractable Problems (CS170)
Artificial Intelligence (CS188)

SKILLS

PROGRAMMING
Proficient (5000+ lines):
Java • Python • HTML5 • CSS3
JQuery • Visual Basic
Experienced (1000+ lines):
JavaScript • Scheme
Familiar (<1000 lines):
Django • UNIX

OTHER
Adobe Photoshop • Sony Vegas Pro

LINKS
YouTube: o7amzAXx
(1,300,000+ video views)
GitHub: hamzaahmed
LinkedIn: hamzaahmed

ADDITIONAL INFO

INTERESTS
Soccer • Weight lifting
Bass guitar • FIFA • Travel

LANGUAGES
English (Primary)
Arabic (Secondary)

EXPERIENCE

UC BERKELEY CS198 (WEB DESIGN) | Instructor
May 2014 – Present | Berkeley, CA
- Supervised the admission process of 1000+ applicants
- Taught front-end web development skills (HTML/CSS/JS) and user interface design principles to an audience of over 100+ students
- Other Duties: grade homework/projects, hold office hours, create new learning material

UC BERKELEY CS61A | Lab Assistant
Aug 2014 – Present | Berkeley, CA
- Coached over 30+ students on how to tackle a variety of challenging CS problems in Python
- Facilitated and supervised lab sections and office hours
- Debugged project, homework, and lab assignments

UCBMUN | Web Developer & Front-end Designer
May 2014 – Present | Berkeley, CA
- Reconstructed the official UCB Model UN website consisting of over 25+ pages with HTML5, CSS3, and JQuery (http://ucbmun.org)
- Developed the front-end and redesigned the UI
- Remodeled the UX to effectively serve over 600+ delegates and attract sponsorships

DHAMUN | Director of Technology
Sept 2011 – May 2013 | Dhahran, Saudi Arabia
- Directed and edited the visual aids used during the official Dhahran High Model UN conference
- Participated as the delegation of various nations and debated on foreign policy and international affairs

INDUSTRIAL TRAINING INSTITUTE | Instructor
June 2012 – Aug 2012 | Mumbai, India
- Lead a class at a local school to connect and introduce 50 underprivileged kids under the age of 14 to the realm of computers and the internet
- Prepared biweekly PowerPoint presentations and encouraged student participation and collaboration by hosting hands-on sessions
- Convinced the school's board of the importance of teaching students the basic principles of computers

PROJECTS

DEAL OR NO DEAL SIMULATION
May 2012 – June 2012 | Dhahran, Saudi Arabia
- Built a replica of the game Deal or No Deal in Visual Basic
- Consisted of a two-player interface that aesthetically and functionally resembled the original with over 4000+ lines of code