

IQRA DADA

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Summary: CS student with experience in back-end programming and some front-end programming, exploring UI/UX and interested in PM, full-stack SWE, and tech consulting roles

Education

Rice University– Houston, TX

Major: Computer Science

Looking for – **Full Time PM/SWE**

& Spring 2017 Internships

Graduation Date: **May 2017**

Relevant Coursework: Algorithms, Program Design, Parallel Programming, Advanced OOP, Operating Systems, Automata Theory, Compilers, Data Science

Skills

Programming languages: Java, Python, *familiar with SQL, JavaScript, HTML5, CSS, C, Perl, R, Matlab*

Other relevant experience: Microsoft Office, Excel, Outlook, Photoshop, GIMP, Git, AWS

Environments: Windows, Mac, and Linux

Languages Spoken: English, Hindi, Urdu, Spanish

SAT Score: 2200 **ACT Score:** 34

Experience

AT&T Technical Development Project Management Intern *June 2016 – August 2016*

- Directed project capacities, resources, and timetables using PM tools
- Managed multiple projects during AT&T's DIRECTV acquisition and transition period
- **AT&T Web App Intern Project** *June 2016 – July 2016*
 - Lead a 6-person team to direct the development and delivery of a non-profit web application within 1 month using Agile methodology with 1 week sprints.
 - Built with HTML5, CSS, Python, and MongoDB and deployed on AWS

Kohn Bioinformatics Lab Research Assistant *May 2015 – August 2015*

- Analyzed with large genome files, conducting evolutionary simulations on mouse genomes
- Constructed scripts using *Perl and Python* to dissect genome segments and propose evolutionary models

Medical Informatics Database Intern *September 2014 - January 2015*

- Worked with with SQL and large amounts of patient medical data
- Worked with the *SDLC processes* in deciding on a project, coming up with use cases and requirements, building and rebuilding the project, and getting approvals to deliver the project to users

Rice University Computer Science Student

- Document Indexing and Retrieval System (Java): Built a database where a user can put in a query and the db returns all relevant text documents. The search engine takes in a large amount of text documents and indexes them using an M-tree for optimization. Using LDA model to store tags for each text document, we are able to search the corpus quickly and return all documents with similar tags.
- Chat Application (Java): Built a chat application using Java RMI libraries where a user can chat with other users from peer-to-peer connections. Functionalities: maintaining multiple chat rooms, image/file sending, creating new chat rooms, invite-only chat rooms vs. open chat rooms.

Rice Code College (President) *August 2015 - Present*

- Rice Code College is a free student-led initiative geared towards 6th-8th graders. RCC aims to inspire middle school students towards computer science and related STEM fields.
- About 50 middle school students attend this program once a year, and STEM majors on campus come to teach them about computing fields, and aid them in a challenge throughout the day

Graphic Designer (Self-employed) *May 2013 - Present*

- Creating publicity materials for clubs and organizations on campus
- Working with programs like Photoshop, GIMP, etc. to create unique graphic designs

Activities

Organizations and Leadership: Rice Coalition on Hunger and Homelessness (Board), Rice Code College (Co-Founder and President), Rice Muslim Student Association (President), Rice Boniuk Interfaith Council, Computer Science Club, CSTERs (Women's Computer Science Club), South Asian Society (PR Rep)