Chandranshu Rao

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Frisco, TX 75036
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chandranshu.rao@gmail.com

EDUCATION

University of Texas at Dallas — 3.76/4.0

August 2015 - December 2018

· Senior pursuing a Bachelor of Science in Computer Science

EXPERIENCE

Barclays Investment Bank – *Technology Summer Analyst*

New York City, NY | *May 2018 - August 2018*

· Developed frontend UI for Barclays Credit E-Trading Application used by traders on the Emerging Markets trading floor written in Angular and C#

· Researched and integrated automated test frameworks for Javascript based web applications to improve code quality and reduce testing time by 20%

Bell Helicopter — *IT Web Developer Intern*

Fort Worth, TX | *May 2017 - August 2017*

· Created a web application to automate the updating of helicopter components in documentation used by Bell's engineers to save over 800 hours of manual work

· Implemented a RESTful API service written in C# using the .NET framework which connected to an Angular web application

Self-Employed — *Freelance Web Developer*

Dallas, TX | *March 2017 - October 2018*

· Started a part-time web development service to create and maintain web apps for clients that fit their business specifications

· Developed various web apps and managed all client data for multiple clients, using different web frameworks such as Angular and Django

UTD Neurogenomics Lab — *Research Assistant*

Richardson, TX | *May 2016 - August 2017*

· Analyzed RNA-sequencing data to research genes for pharmaceutical targets through computational modeling in Bash, AWK, and MATLAB

· Deployed neurogenomics lab website and developed an expression tool in PHP and SQL to showcase lab data using Google Charts API

PUBLICATIONS

· Co-Author: **Comparative transcriptome profiling of the human and mouse dorsal root ganglia: An RNA-seq-based resource for pain and sensory neuroscience research.** *The Journal for the International Association for the Study of Pain*

PROFILE

Personal Website:
http://chandranshurao.co/

LinkedIn:
https://www.linkedin.com/in/chandranshurao

GitHub:
https://github.com/ChandranshuRao14/

TECHNICAL SKILLS

Programming Languages:
Java, C++, C#, Python, HTML5/CSS, Javascript, SQL, Typescript, Bash, AWK, R

Frameworks: Bootstrap, Angular 4, React, Flask, Django, ASP.NET, Android, Xamarin

Software: MATLAB, GitHub, Bitbucket, Visual Studio, Eclipse, TeamCity, Microsoft Office Suite, Amazon Web Services, Google Cloud Platform

Operating Systems: Windows OS, Mac OS X, Ubuntu

AWARDS

UTD Honors Academic Excellence Scholarship Recipient

UTD ECS Dean's List

LANGUAGES

English, Hindi, Spanish