Tanvi Kumar

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EDUCATION

NIT - TIRUCHIRAPALLI
B.Tech
Major : Civil Engineering
Minor : Computer Science and Engineering
Expected May 2020
Cum. GPA: 8.41

D.A.V. SR SEC SCHOOL
CBSE
Science with CS
CBSE Std XII : 96.2%
CBSE Std X : 10.0 CGPA

LINKS

Github:// TanviKumar
LinkedIn:// tanvikumar

SKILLS

PROGRAMMING
LANGUAGES
C++ • JavaScript • Python
Octave • C • PHP • HTML/CSS
FRAMEWORKS AND LIBRARIES
Bootstrap • p5.js • Laravel • AngularJS
TOOLS
Git • Vim • MySQL • gmock • gtest

SOCIETIES

Founder of Women Coders NITT
Core Member at
Delta Force
Head of Marketing
TEDxNITTrichy
Head of Web Operations
Aaveg 2018
The first year fest at NIT Trichy.
Member of Web Operations
Festember 2017
The national cultural fest of
NIT Trichy.
Department Executive at
National Service Scheme
Organise social service based
activities in and around
Trichy, Tamil Nadu.

EXPERIENCE

MICROSOFT INDIA R&D PVT. LTD. | Software Engineering Intern
May 2019 - July 2019 | Bangalore, India
- As part of the Cortana, Search and Voice Skills Team of Microsoft Teams, added files suggestion to auto-suggest in the search bar of the Web app.
- Improved latency by testing with various APIs and changing previous request-response design.

GOOGLE SUMMER OF CODE 2018
May 2018 - August 2018 | The Processing Foundation
- Working on improving the existing I/O methods of p5.js, the javascript library under the Processing Foundation as a part of GSOC'18.
- Also helping resolve existing issues for the WebGL part of p5.js by adding new methods and improving existing examples in the documentation.

WE CREATE PROBLEMS | Software Engineering Intern
May 2018 - July 2018 | Chennai, TN
- Made a test portal that evaluates application programming based questions for javascript frameworks - Angular, React and Node.
- Made runtime optimisations and dockerized the online judge for testing. Used JSZip to add various functionalities to their existing portal such as uploading and downloading folders.

PROJECTS

CODE CHARACTER | Project Link | Present
- An AI programming challenge where players, using a high level API provided, control troops in a real-time strategy simulation.
- Part of the team that made the simulator in C++ and wrote logic to execute player's commands and logger along with unit tests.
- Designed an interactive map generator using p5.js for the game.
- App was launched to over 1400 registrants and played by users from 74 countries .

PRAGYAN | March 2019
- Part of the team which developed the frontend which used a Content Management System developed by Delta Force (Github Link).
- Added features on the backend API for student registrations. The API, built on Laravel, also served an RFID card system used by more than 8500 students for identification and payments.

AWARDS AND SCHOLARSHIPS

2019	GHC'19 Google Scholar
2019	Google Get Ahead APAC 2019
2019	Winner/20+ teams Blockchain Hackathon Shaastra IIT-M 2019
2018	Awarded the Cargill Global Scholarship (1 among 70 worldwide)
2018	Shortlisted for the finals of International Women's Hackathon 2018
2017	Winner/40+ teams of Pragyan Hackathon 2017 held at SAP Labs, India.
2015	Research Science Initiative-Chennai (RSI-C) select conducted by IIT-M (One among 30 selected in state)