ROHIT CHAND

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Education

Carnegie Mellon University
B.S. Electrical and Computer
Engineering | Dec 2024

Skills

PROGRAMMING LANGUAGES

Python
C
Java
HTML/CSS
SQL
LaTeX
MATLAB
Angular

TOOLS/FRAMEWORKS

Jira
Unix
CAD
Git
Scrum

COURSEWORK

18-100: Intro to Electrical and
Computer Engineering
15-112: Fundamentals of
Programming and Computer
Science
15-122: Principles of Imperative
Computation

Employment

T-Mobile	Overland Park, KS
Software Engineer Intern	June 2021 to Aug. 2021

- Utilized API calls and Angular framework to create an error catching system for statement, payment, talk, text and data usage history to provide a better personalized user experience for new clients on B2B application.
- Improved UI components by adding new verbiage, style, padding, and fonts to flow side-by-side with error catching system for better clarity which helps customers when running into error screens.
- Developed automatic set of unit tests to run during production testing on Git commits in order to decrease time needed for team members to identify and fix bugs while monitoring changes in application production in future.
- Engaged with team members, managers, product owners, and clients during Scrum ceremonies to improve development.

Mathnasium	Overland Park, KS
High-level Instructor	June 2020 to June 2021

- Tutored students from elementary to high school, dominantly with students in higher Honors/AP courses.
- Implemented new tutoring techniques from participating in training and development sessions to enable adaptive teaching methods to meet students' needs and interests.
- Managed student's tutoring plans and adjusted plan based on student's previous knowledge and learning habits.

MIT Lincoln Laboratory	Lexington, MA
Research Intern	June 2020 to Aug. 2020

- Built a Raspberry Pi Based Bluetooth signal collection platform to explore effects of Bluetooth Low Energy for PACT consortium.
- Designed and tested algorithm for broadcasting and interpreting data from two decentralized devices at a time to estimate distance from RSSI values while in various temperature, pressure, humidity and wind speed conditions.
- Collaborated with mentors and other students to analyze data and findings to attempt to construct a similar algorithm for Covid-19 contact tracing with mobile devices.

Activities

CMU Business Technology Group · Front-end Developer — Oct. 2020 to Current

Creating web application integrated with CMU's postal service for students to select a pick-up time for their packages in order to enable self-service and reduce student wait times at office.

CMU Sahara · Assistant Captain — Aug. 2021 to Current

Lead high energy practices and choreography for competitive fusion competitions to showcase and promote Indian culture and diversity.

Awards

Governor Laura Kelly · Kansas Governor's Scholar — May 2021

Top 1% among KS high school graduates

College Board · AP Capstone Diploma — May 2021

Score of 5 on AP Research and AP Seminar

USACO · USA Computing Olympiad Gold Division — Feb. 2021

Top 9% among high school participants

India Association of KC · Academic Achievement Scholarship — Dec. 2020

Received $500 for outstanding voluntary work and high academic standing