

KUNAL SINHA

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in kunalsinha98 🔄 KunalSinha7

SUMMARY

Junior in Computer Science at Purdue University. Seeking an internship to utilize and develop my skills as a developer while learning about different industries.

EDUCATION

Purdue University

Aug. 2016 - May 2020

Bachelor of Science in Computer Science 2020

Certificate in Entrepreneurship

Relevant Courses: Data Structures and Algorithms, Systems Programming, Computer Architecture, Software Engineering

Currently Enrolled Courses: Data Mining and Machine Learning, Operating Systems

EMPLOYMENT

Indiana Health Information Exchange, Solutions Engineering Intern, Indianapolis, IN

May 2018 - Aug. 2018

Designed and automated new unit testing suite during Jenkins build process using Java, JUnit, SQL, Jenkins, and Maven

Decreased testing time during weekly deployments by 80% using new unit testing suite

Modified existing testing cases to be used by new unit testing

Johnson and Johnson Vision, Intern - Research and Development, Jacksonville, FL

May 2017 - Aug. 2017

Contracted through Kelly Services

Conducted research on contact lens performance using Tear Surface Interferometry (TSI)

Developed a user interface for internal tools developed by the team using Matlab

Assembled contact lenses in Materials Science Laboratory

SKILLS

LANGUAGES: Java, C, C++, Javascript, Python, HTML/CSS

TOOLS AND FRAMEWORKS: React, Node.js, Flask, JUnit, Git/SVN

PROJECTS

Trading Simulator

Apr. 2018 - May 2018

Developed frontend for web application to simulate Forex Trading using ReactJS

Constructed a NodeJS backend API using ExpressJS

Pair - Intern Housing Application

Jan. 2018 - Apr. 2018

Developed a web application that unifies the intern housing and roommate search

Implemented ReactJS to develop the frontend with Google's Material Design standards

Constructed a NodeJS backend API using ExpressJS

MyDoctor

Feb. 2017

Developed an Alexa Skill that contacts your doctor and gives them symptoms to diagnose you during HackIllinois

Created a backend server using Python and Flask

Incorporated Twilio API to contact doctor

ACTIVITIES

Hello World Hackathon, Director of UX

Apr. 2018 - Sept. 2018

Managed a \$15,000 budget to create an introductory hackathon experience for freshman

Increased diversity of majors in Hello World

Led efforts to increase attendance at Hello World by 25%

Purdue Hackers, President

Aug. 2016 - Current

Gained development experience in Javascript, HTML, CSS, Python, and Alexa

Competed in Hackathons including BigRedHacks, HackGT, Boilermake, and HackIllinois

Increased diversity of majors in Purdue Hackers through outreach programs

Institute of Electrical and Electronics Engineers (IEEE), IEEE Engineering in Medicine and Biology (EMBS) Secretary

Jan. 2016 - May 2017

Designed software to acquire and visualize data for an electroencephalogram (EEG)

Implemented Python to visualize data using NumPy and Matplotlib