Naman Sood

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WORK EXPERIENCE

Creesync Software   May 2019 – Aug 2019

Software Engineering Intern, New Delhi, India

- Simplified sampling process of professionally clicked photos by creating cloud-based solution for photographers to preview photos to customers before delivery; using Electron, React Native, AWS S3, and MongoDB.
- Implemented key functionality – liking and creating image posts and comments – and significantly reduced technical debt in social media app by establishing DRY coding practices; using React Native and Firebase.

The Girl Code   Mar 2018 – Present

Full Stack Developer, New Delhi, India

- Enabled school-aged girls to learn programming by creating an online platform to teach Python with intuitive tutorials, live code examples and a digital companion; using Node.js and MongoDB.
- Collaborated with National University of Singapore on research project by tracking usage of the learning platform by research participants, and received letter of recommendation from the University; using REST API endpoints.

Developer Student Clubs (Google Developers)   Oct 2019 – Present

Marketing Director, University of Waterloo, ON

- Reached over 150 people over two weeks by creating and maintaining a website, social media handles, and posters.
- Organized workshop conducted by Google engineer to teach over 100 participants how to interview for programming jobs.

PROJECTS

Vibgyor *Apache Cordova, OCR.space API*

A simplified Android user interface for the visually impaired to perform basic tasks using voice commands, as well as offer convenience features like recitation of printed text and tinting screen to reduce effects of colorblindness.

Watson *Node.js, Bing Web Search API*

Prototype of search engine with research-focused features, including live preview of links and ability to save certain sets of search results as "pinboards".

CHIP8-rust *Rust*

An emulator for the CHIP-8 microprocessor architecture and accompanying I/O, using the Rust programming language. This project helped solidify my experience in Rust, and understand how machine-level instructions are executed by writing my own implementations for them.

AWARDS

Google Code-In 2017 *Finalist, CloudCV*   Dec 2017

Recognized for my extensive contributions to CloudCV's open-source projects – features, bugfixes, documentation and more.

SKILLS

Languages   JavaScript, HTML5, CSS3, C, C++, Rust, Racket, SQL, Python, PHP, Bash
Technologies Node.js, MongoDB, MySQL, React/React Native, Linux, AWS, Firebase, Nginx, Apache, Docker

EDUCATION

University of Waterloo   Sep 2019 – Apr 2024 (expected)

Bachelor of Computer Science – 92.2%