Naman Sood

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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

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*
Android interface for visually impaired; made calls and messages with voice commands, narrated text from camera viewfinder, tinted screen to alleviate colorblindness. Won first place in XINO 2018 hackathon.

Watson *Node.js, Microsoft Azure APIs*
Prototype of search engine with research-focused features, including live preview of links and ability to save certain sets of search results as 'pinboards'.

Turtle Shell *C, POSIX APIs*
Shell for Unix-like operating systems written in C. Learned dynamic memory management, process management, and usage of POSIX interfaces.

CHIP8-rust *Rust*
Emulator for the CHIP-8 virtual machine. Learned Rust, implemented behavior of machine-level instructions, and created graphics in a framebuffer.

AWARDS

Google Code-In 2017 *Finalist, CloudCV* `Dec 2017`
Recognized for extensive contributions to CloudCV's open-source projects – features, bugfixes, documentation and more.

EDUCATION

University of Waterloo `Sep 2019 – Present`
Candidate for Bachelor of Computer Science – 92.2%