

# 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 delivery** of professional photographs, by creating REST API and native apps for desktop and mobile, for photographers to preview photos to customers before delivery; using Electron, React Native, AWS S3, and MongoDB.
- **Reduced technical debt by 15%** in social media app by establishing DRY coding practices and implemented user-facing functionality - liking and creating image posts and comments; 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.
- Tracked usage of the learning platform in collaboration with **National University of Singapore** for research project, and received letter of recommendation from the University; using REST API endpoints.

## PROJECTS

### Vibgyor *JavaScript, Apache Cordova*

Won 1<sup>st</sup> place in XINO 2018 hackathon. Optimized smartphone UX for visually impaired, using voice commands and live text narration.

### Watson *Node.js, Microsoft Azure APIs*

Streamlined web searches for academia by introducing research-focused features like link previews and 'pinboards' to save search results.

### Turtle Shell *C, POSIX APIs*

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

### CHIP8-rust *Rust*

Implementation of CHIP8 virtual machine. Learned Rust, emulated behavior of machine 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 – Apr 2024 (expected)

*Candidate for Bachelor of Computer Science – 92.2%*

- **Director, Developer Student Club (Google Developers):** Reached over 150 people to organize workshop by a Google engineer over two weeks, by creating and maintaining a website, social media handles, and posters.
- **Mentor, StarterHacks 2020:** Helped enable over 1000 participants by providing technical support and design critique in Canada's largest beginner-focused hackathon.