# Naman Sood

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# WORK EXPERIENCE

#### Creesync Software

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

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)**

Marketing Director, University of Waterloo, ON

- Reached over 150 people over two weeks by creating and maintaing 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

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

## <u>SKILLS</u>

LanguagesJavaScript, HTML5, CSS3, C, Rust, Racket, Python, PHP, BashTechnologiesNode.js, MongoDB, MySQL, React/React Native, Linux, AWS, Firebase, Nginx, Apache, Docker

## **EDUCATION**

**University of Waterloo** 1A, Bachelor of Computer Science – 92.2%

## May 2019 – Aug 2019

### Oct 2019 - Present

Dec 2017

Mar 2018 - Present