

# BISHESH MANANDHAR

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536 Hawken Drive, Coppell TX, 75019

## Education

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The University of Texas at Dallas

Bachelor of Science, Computer Engineering – Expected Graduation: May 2021

Collegium V Honors Program, Academic Excellence Scholarship Recipient

## Work Experience

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### **Nokia – 5G RAN Summer Intern (June 2018 – August 2018) – Irving, TX**

- Built and presented 5G use cases to executives from Apple, T-Mobile, Verizon, AT&T, and internal Nokia
- Programmed a blockchain demonstration using Python Flask development
- Constructed a 55-inch voice activated smart mirror using a Raspberry Pi
- Developed an Android app for Nokia customers to interact with during 5G demonstrations
- Built a robotic arm controlled via Wi-Fi using Arduino and ESP8266 microchip

### **KD College Prep – Student-Worker (June 2016 – August 2017) – Coppell, TX**

- Managed database to sign students up for classes and activities
- Communicated with students/parents regarding the standardized testing process

## Projects

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- **Mutu (Nepali Dating App)** – Creator of Nepali dating app which is available on Google Play Store and on the web (<http://mutu.site>)
- **Learn Soccer!** – Programmed an Android app that has instructional soccer videos for people to learn how to play soccer. Available on Google Play Store
- **JustAsk** – Developed a fully functional social media app that allows users to ask for and give advice. Available on Google Play Store
- **NTX Soccer Field Maps** – Created an app for the North Texas Soccer Association that has field maps, field location, league information, and built-in calendars for every soccer league in North Texas. Available in Google Play Store and in development for Apple App Store
- **Soccer For Nepal Questionnaire** – Created a digital questionnaire for my nonprofit organization using a Java GUI

## Skills

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*Programming Languages:* C, C++, Java, Python, XML/HTML, CSS, JavaScript

*Software:* Visual Studio, Eclipse, Microsoft Office, MATLAB, Android Studio, Xcode, Git

*Tools:* MySQL, Raspberry Pi, Arduino, Flask, Windows OS, Mac OS

*Other:* Mobile application development, web application development, web hosting, UI development, software testing and debugging, cellular networks, 5G, blockchain, strong oral and written communication

## Activities

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- **Soccer For Nepal** – Founder of 501(c)(3) nonprofit organization that donates used soccer equipment to underprivileged children in Nepal ([www.soccerfornepal.org](http://www.soccerfornepal.org)) Jan 2015 – Present
- **Institute of Electrical and Electronics Engineers**, Member. August 2017 – Present
- **Toastmasters International**, Member. June 2018 – August 2018