

BISHESH MANANDHAR

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US Citizen

Education

The University of Texas at Dallas

Bachelor of Science, Computer Engineering – Expected Graduation: December 2020

Collegium V Honors Program, Academic Excellence Scholarship Recipient, GPA = 3.66

Work Experience

CBRE – Cost Consultancy Intern (June 2019 – August 2019) – Dallas, TX

- Performed QA testing on CBRE's Cost Consultancy web application
- Communicated with developers regarding the defect life cycle and ways to improve the product
- Wrote automated testing scripts using Selenium Java to pass over 200 test cases
- Planned and hosted scrum events for a team of 11 people

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

Projects

- **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

Skills

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

Tools: Azure DevOps, Visual Studio, Eclipse, MATLAB, Android Studio, Xcode, Raspberry Pi, Arduino

Other: Agile methodology, UX design, mobile application development, web application development, QA testing, cellular networks, 5G, blockchain, strong oral and written communication

Activities

- **Soccer For Nepal** – Founder of 501(c)(3) nonprofit organization that donates used soccer equipment to underprivileged children in Nepal (www.soccerfornepal.org) Jan 2015 – Present
- **UTD Men's Club Soccer**, Captain. January 2019 – Present
- **Institute of Electrical and Electronics Engineers**, Member. August 2017 – Present
- **Toastmasters International**, Member. June 2018 – August 2018