

# Cuong Nguyen

in cuongtcu | BiKunTin | ✉ cuong.hsgs@gmail.com | ☎ 469-468-7595

## EDUCATION

**Texas Christian University**

*BS in Computer Science & Math, GPA: 3.67/4.0*

**Fort Worth, TX**

*Graduation: December 2021*

## HONORS & AWARDS

- Awarded Bronze Medal in ACM ICPC South Central USA Regional Contest (2019) - ranked 1<sup>st</sup> / 19 total Undergraduate school teams, ranked 12<sup>th</sup> / 61 total teams)
- Awarded 1<sup>st</sup> price in Hackathon UTA MLH chatbot challenge (2018)
- Ranked 27<sup>th</sup> / 71 total teams in ACM ICPC South Central USA Regional Contest(2018)
- Upsilon Pi Epsilon (2019), TCU ACM Team Leader (2018+2019)

## EXPERIENCE

**TCU IT Consultant**

*Information Technology Consultant*

**Fort Worth, TX**

*April 2019 – Present*

- Assists students and faculty members to solve the problems with TCU accounts, Internet, Computer Software + Hardware. (Help 20 students and faculty members per day, more in the summer).
- Platforms/Technology: Window, Mac, Linux, ChromeOS/NiceInContact, Bomgar, Cherwell

**FPT**

*Software Engineer Intern*

**Hanoi, Vietnam**

*May 2017 – August 2017*

- Developed Sound audio and Bluetooth part for a new car generation project in Czech.
- Created a tool to analyze the data from company website and generate a report from those analytical data for the developer teams in Vietnam and Korea.
- Language: Java, C, VBS, VBA

## PROJECTS

**Covid Tracker**

*Fullstack Developer | Link: [github.com/covidtrackersenior/TCUCovidTracker](https://github.com/covidtrackersenior/TCUCovidTracker)*

**Fort Worth, TX**

*August 2020 – May 2021*

- Created a user-friendliness and reliability Covid Tracker API to provide accurate and timely information
- Created 3 different versions of FrontEnd API using HTML, Vue, and React to make a general FrontEnd API for public use
- Created BackEnd API using Spring Boot, Java, and MongoDB then ran it on AWS server
- Language/Technology used: Java, Javascript, Python, HTML, CSS, Vue, Vuetify, React, Material-UI, Spring Boot, Apache tomcat, D3, Leaflet, MongoDB, AWS

**Cyber Network and Security**

*Research Assistant - Adviser: Dr. Liran Ma*

**Fort Worth, TX**

*June 2018 – December 2019*

- Assisted about 20 Computer Science students in labs and in-class materials, supported creating lab lectures for the class and created 2 new labs for professor to teach in class (WPS and WPA attack).
- Platforms/Technology: Fedora, Ubuntu/Reaver, Pixiewps, Aircrack, WireShark

**AI for Reversi**

*Research Assistant | Link: [github.com/BiKunTin/reversi](https://github.com/BiKunTin/reversi)*

**Fort Worth, TX**

*January 2020 – May 2020*

- Created a GUI to play human vs human
- Developed an algorithm bot using greedy, minimax alpha-beta pruning to train and tune a deep artificial neural network of self-learning bot (trained 10000 games, achieved 62% winning rate over 500 games against human players )
- Language: Java

## SKILLS & INFO

- Language: C#, C/C++, Python, Java, JavaScript, VBS, VBA, Pascal, HTML, CSS, SQL, Node.js, ReactJS, VueJS, SpringBoot
- Software/APIs: .Net, OpenCV, Git/Github, Aircrack
- Coursework: Data Structures, Algorithms, Databases, Wireless Networks and Security, High Performance and Parallel Computing, Artificial Intelligence, Software Engineering, Senior Design