

# Kelvin Nguyen

Portfolio: cmnguyen.me

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## 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

### SuperFrog Scheduler

Fullstack Developer - Link: [superfrogscheduler.herokuapp.com](https://superfrogscheduler.herokuapp.com)

Fort Worth, TX

January 2020 – May 2020

- Created a user-friendliness and reliability Scheduler API help manage and schedule appointments/events
- Created FrontEnd API using Bootstrap and Thymeleaf and Backend API using Spring Boot, Java, and MySQL then ran it on Heroku server
- Platforms/Technology: Language/Technology used: Java, Javascript, HTML, CSS, Thymeleaf, Bootstrap, Spring Boot, H2-Console, MySQL, Heroku

### Covid Tracker

Fullstack Developer - Link: [covidtracker.games:8080/](https://covidtracker.games:8080/)

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, VBA, Pascal, HTML, CSS, SQL, Node.js, ReactJS, VueJS, SpringBoot, Go
- 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