

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

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

EXPERIENCE

TCU IT Consultant

Information Technology Consultant

Fort Worth, TX

April 2019 – Present

- o 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).
- o Platforms/Technology: Window, Mac, Linux, ChromeOS/NiceInContact, Bomgar, Cherwell

FPT

Software Engineer Intern

Hanoi, Vietnam

May 2017 – August 2017

- o Developed Sound audio and Bluetooth part for a new car generation project in Czech.
- o Initiated 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.
- o Language: Java, C, VBS, VBA

Cyber Network and Security

Research Assistant - Adviser: Dr. Liran Ma

Fort Worth, TX

June 2018 – December 2019

- o 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).
- o Platforms/Technology: Fedora, Ubuntu/Reaver, Pixiewps, Aircrack, WireShark

PROJECTS

SuperFrog Scheduler

Fullstack Developer - Link: superfrogscheduler.herokuapp.com

Fort Worth, TX

January 2021 – May 2021

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

Covid Tracker

Fullstack Developer - Link: covidtracker.games:8080

Fort Worth, TX

August 2020 – April 2021

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

AI for Reversi

Group Project - Link: github.com/BiKunTin/reversi

Fort Worth, TX

January 2020 – May 2020

- o Created a GUI for reversi (othello) board game to play human vs human mode
- o 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)
- o Language: Java

SKILLS & INFO

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