

Kelvin Nguyen

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SUMMARY

- o Skilled and well-organized computer science graduate with a BS from TCU and 7+ years of experience in competitive programming. At Copart, solved 20+ existed bugs/new stories of the project in the first 2 months. Cut testing time by 30%.

EDUCATION

Texas Christian University

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

Fort Worth, TX

Graduation: December 2021

- o Relevant Coursework: Data Structures, Algorithms, Databases, Wireless Networks and Security, High Performance and Parallel Computing, Artificial Intelligence, Software Engineering, Senior Design

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 Member of CodePath (2021), Upsilon Pi Epsilon (2019), TCU ACM Team Leader (2018+2019)

CAREER EXPERIENCE

Copart

Software Engineer Intern

Dallas, TX

June 2021 – December 2021

- o Manage financial aspects of Copart's business in the US and UK as a part of the back-office team, raised personal KPIs by 50% after the first 3 weeks.
- o Solved 20+ existed bugs/new stories of the project in the first 2 months. Slashed time to test by 30%.
- o Prepared and submitted work reports and other documentation to assist development team members.
- o Language/Technology: Java, Spring (Spring Core Annotations for dependency injection and Spring MVC for Rest APIs), Jenkins, Spinnaker, Git, Jira, Confluence

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 data from company website and generate a report for the developer teams in Vietnam and Korea.
- o Developed and reviewed specifications, scopes of work, test and adjust plans/procedures.
- o Produced software documentation allowing team to maintain the system.
- o Language: Java, C, VBS, VBA

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
- o Language/Technology: 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 Developed effectiveness loading/storing data algorithm that led to 50% faster loading time before interactive than other Covid Tracker API.
- o Created FrontEnd API using Bootstrap, React and BackEnd API using Spring Boot, Java, MongoDB
- o Language/Technology: 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

TECHNICAL PROFICIENCIES

- o Language: C#, C/C++, Python, Java, JavaScript, VBA, Pascal, HTML, CSS, SQL, Node.js, ReactJS, VueJS, Spring, Go
- o Software/APIs: .Net, OpenCV, Git/Github, Aircrack, Jenkins, Spinnaker, Jira, Confluence