

Quang Nguyen

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EDUCATION

TEXAS CHRISTIAN UNIVERSITY

BACHELOR OF SCIENCE

Expected Dec 2017 | Fort Worth, TX

Computer Science

Cum. GPA: 3.82/4.0

Major GPA: 3.80/4.0

LINKS

Github: //antonxuanquang

LinkedIn: //quang-nguyen

COURSEWORK

Software Engineering

Parallel Computing

Artificial Intelligence

Data Structure

Database Systems

Advanced System & Network Admin

Wireless Networks & Security

SKILLS

PROGRAMMING

Proficient:

Java

Familiar:

C • JavaScript • NodeJS •

AngularJS • CSS • HTML

OPERATING SYSTEMS

Unix/Linux (Ubuntu 16.04, Fedora 14)

• Microsoft Windows (8, 8.1, 10)

DATABASE

IBM NoSQL Cloudant • MySQL

SOCIETIES

HONOR

Upsilon Pi Epsilon Honor Society

ACM Professional Society

Phi Theta Kappa Honor Society

COMMUNITY

Computer Science Society

Vietnamese Student Association

The Eucharistic Youth Society

PROJECTS

REAL TIME MONITORING AND NOTIFICATION SYSTEM |

WIRELESS NETWORK & SECURITY LAB

Spring 2016 – Present | Fort Worth, TX

- Lead a team of 3 to model a monitoring and notification system that handles transferring data between multiple TI SensorTags, multiple Raspberry Pi Model 3, and IBM Bluemix Cloud Platform
- Implement a JavaScript program on a Raspberry PI collecting sensing data from TI CC2650/CC2540 SensorTags and simultaneously uploading that data to IBM Bluemix Cloud
- Architect a NoSQL database on IBM Cloudant storing information about clients, devices, and sensing data
- Create detailed documentation for every increment and revise it bi-weekly

MATCHING MENTOR AND MENTEE, TCU

Spring 2016 | Fort Worth, TX

- Constructed a Mentor and Mentee Matching Algorithm that recommends matching percentage of a mentor and a mentee given their references

EXPERIENCE

DEPARTMENT OF COMPUTER SCIENCE | HELP DESK

Fall 2016 | Fort Worth, TX

- Assist Freshman and Sophomore Computer Science students with their lab assignments

TCU ATHLETIC ACADEMIC SERVICES OFFICE | TUTOR

Fall 2016 | Fort Worth, TX

- Tutor two athletic students in a section for Math and Computer Science lower-division courses
- Identify the needs of learners and if necessary adapt course content and delivery style to meet their needs
- Provide detailed report after each session for the Program Coordinator

DEPARTMENT OF MATHEMATICS | MATH GRADER

Spring 2016 | Fort Worth, TX

- Graded homework in a professional, timely, and consistent manner, providing positive, constructive feedback on each assignment.
- Maintained an accurate and confidential record of students' homework grades

CARPTECH COMPANY | WEB FRONT-END DESIGN INTERNSHIP

Summer 2015 | Ho Chi Minh City, Viet Nam

- Applied product creation cycle to optimally build a software product with least time and effort
- Communicated with customers effectively to fully understand their inquiries and requests
- Designed one-page website that is responsive, attractive, consistent across all browsers/platforms, and fit to all screen sizes

AWARDS

- 2016 George Fassett Science and Engineering Research Center Scholars grant
- 2015 Non-profit Intern Scholarship from Texas Christian University
- 2014 Texas Christian University Transfer Faculty Scholarship
- 2014 2nd rank in Tarrant County College Jim Bolen Math Competition