

Thanh Quan

Software Engineer at Facebook

Summary

Love to learn innovative methods and emerging technology.

Experience

Software Engineer at Facebook

February 2016 - Present

Software Engineer at RetailMeNot, Inc.

July 2015 - February 2016 (8 months)

- Completely rewrite and provide full test coverage for RetailMeNot Profile page.
- Clean up Marketing planning tool (Angular, Python, Java) and implement critical features to improve campaign creating process.
- Improve user experience with professional design.
- Contribute many innovative product ideas.
- Work closely with QA to improve testing procedure and move faster.

Teaching Assistant for Computer Organization and Programming at Georgia Institute of Technology

August 2013 - May 2015 (1 year 10 months)

As a TA, I help clarify important computing concepts such as how computer can be created with things as basic as transistors, logic gates, multiplexer, decoder to arithmetic logic unit (ALU), full adder, layers by layers for students. In addition, I also help them understand the how the computer's instructions are fetched, decoded, and executed. Moreover, I also showed my students how to write clean and testable code with style. Last but not least, I made tools that enhance student's intuition. One of the tool is the extended version of MySimpleImageViewer. It is one of my students' favorite tools to convert image to equivalent C code so they can use in the GBA programming assignment.

Software Development Intern - Business Intelligence at Optiver US, LLC

June 2014 - August 2014 (3 months)

- Aggregate trading data from the CBOE to automatically produce daily report for Compliance team
- Create new modern application for Middle Office and stock traders to manage active trading portfolios in real-time. The application bridges the former in-house portfolio manager with ORC trading software seamlessly via ORC V9 API.

Software Engineer Intern at Touchbits

May 2013 - August 2013 (4 months)

Researched bleeding edge web technologies from backend to frontend such as NodeJS, Socket.IO, AngularJS, Real-time framework to develop Touchbits's web application prototype.

Planned and improved user interfaces with usability and functionality.

Reorganized code base to improve readability and extensibility.

Programming Lab Assistant at Florida State College at Jacksonville

September 2012 - December 2012 (4 months)

Guide new students how to plan their ideas and help them get familiarized with programming. Assist students to improve efficiency, clarity, and extensibility of their programs. Give in-class presentations about how to debug fast and effectively.

Academic Tutor at Florida State College at Jacksonville

September 2011 - May 2012 (9 months)

Help students understand basic concepts of mathematics, chemistry, and physics. Assist students to figure out their problems and guide them how to solve it on their own.

Founder

August 2006 - September 2011 (5 years 2 months)

Developed and optimized code with many technologies.

Planning marketing strategy.

Education

Georgia Tech

Bachelor's degree, Computer Science, 2013 - 2015

Florida Community College at Jacksonville

Associate of Arts (A.A.), Computer Science, 2010 - 2012

Activities and Societies: Captain of FSCJ Brain Bowl Team, President of FSCJ International Club, AMATYC Team

Le Hong Phong high school for the gifted

Computer Science, 2007 - 2010

Activities and Societies: Water Rocket team

Honors and Awards

Outstanding Achievement, Outstanding Achievement, Florida Northeast Region Brain Bowl, Intel's Code 4

Good Hackathon - Second place, Top 3 hacks in Health and Wellness at HackDuke 2014

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[Contact Thanh on LinkedIn](#)