

Dung Trinh

<https://juntrinh.github.io/>

• (760) 808-5735 •

dungqtrinh57@gmail.com

PROFESSIONAL EXPERIENCE

Yardi Systems

Oxnard, CA

Software Engineer

Jul 2017 – Present

- Implement the medical applications follow the HIPAA compliant to use for senior housings. Responsible for major features: recording patient's info and medical subscription, scheduling the appointments, providing report to the physician in real time, etc.
- Responsible for designing data models, optimizing server-client data binding. Optimize the dynamic loading on front end and cache on back end. Design and implement the REST API with .NET
- Migrate and rebuild the existing Visual Basic products into Angular 12 application, responsible for core logic/functionality development. Significantly improve the performance of the application by migrating the existing application to Angular + C# tech stack.
- Analyze and improve product's performance by optimizing SQL queries and code logic reduce query time by 30-40%
- Responsible for testing and quality assurance, including regression and integration test.

KEYSIGHT TECHNOLOGIES

Santa Clara, CA

Software Engineer Intern

Sep 2016 – Dec 2016

- Created and execute automated software tests to uncover, identify and document software problems and their causes.
- Developed high performance image filters using C# to reduce and eliminate noise in the images.
- Worked with a multinational developer team using Agile/Scrum development plan.

DIGITAL DEMOCRACY

San Luis Obispo, CA

Quality Assurance

Jan 2016 – Aug 2016

- Produced modules on Drupal framework using PHP. Managed and maintained the database using MySQL
- Created an automation test system to test users' usability using Selenium and BeautifulSoup.
- Managed a system to quickly correct the errors on the site and reduce the cost of operation by 40%.

SGAME COMPANY

Hanoi, Vietnam

SEO Intern

July-Aug 2014

- Optimized webpage to promote multiple game websites of the company, increased the number of user register by 7%
- Used Google Analytic Tool, Google Adwords and off-page optimization techniques to increase website's traffic.
- Managed reports about the market and planned the best marketing strategy for 3 individual webpages.

MESA

Palm Desert, CA

Robotic Research Intern

Dec 2013 – January 2014

- Developed autonomous robots by using LabVIEW environment in the NASA's CIPAIR program.
- Collaborated in a team of 4 to design a system of two robots to construct a tower of wood blocks.
- Implemented sensors system and computer vision's algorithms on robots for the environment interactive.

EDUCATION

CALIFORNIA POLYTECHNIC STATE UNIVERSITY

San Luis Obispo, CA

Bachelor's Degree of Science in Computer Science

June 2017

- *Leadership:* President of International Club, Project Manager of Cal Poly Mobile Development Club
- *Award:* Third Place in iFixit Security Triathlon, Development Award in Cal Poly SLO Hackathon (2016)

CERTIFICATION

- Microsoft Certified: Azure Fundamentals (2022)
- M101J: MongoDB for Java Developers (2017)

ADDITIONAL

- Programming language: C#, Angular, SQL, Java, C, Python, PHP, JavaScript, HTML, CSS, MATLAB, LabVIEW,
- Certified tutor acknowledged by CRLA's International Tutor Training Program
- Excellent interpersonal and communication skills; attentive to details; self-starter; able to multi-task under pressure