

## EDUCATION

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### 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)

## PROFESSIONAL EXPERIENCE

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### 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.

## CERTIFICATION

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

## ADDITIONAL

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- 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