

Nathan Nguyen

Irvine, CA

-Email me on Indeed: <http://www.indeed.com/r/Nathan-Nguyen/45ad3be9a5512985>

Work Experience

Software Engineer I-II

Experience Laserfiche - Long Beach, CA

August 2019 to Present

- Develop and design shared components in Angular applications to be used across teams
- Update key designer application to TypeScript and Angular to meet AngularJS EOL
- Develop and integrate .NET microservices within an AWS virtual private cloud
- Containerize applications using Docker for enhanced scalability and use with K8s
- Draft implementation proposals for microservices to reduce cost factors by leveraging AWS and ISO-standardized specifications
- Refactor legacy products, set up NuGet packages, and set up build pipelines
- Introduce methodologies and best practices that enhance overall code and process quality, assist with onboarding of new developers, and research and propose design solutions for new projects

Software Development Engineer In Test I

Laserfiche - Long Beach, CA

January 2019 to August 2019

- Developed automated test framework for database migration to PostgreSQL
- Implemented automated end-to-end tests for web client using Selenium
- Configured continuous integration pipeline using Cypress and Azure DevOps, reducing developer feedback loops by 80% through identifying core features
- Improved maintainability of automated tests by implementing software design patterns
- Created automated integration tests for microservices to increase test coverage

Software Integration Intern

Panasonic Avionics Corporation - Lake Forest, CA

April 2017 to December 2018

- Executed functional and exploratory testing for iOS Cabin Management applications
- Engaged in test and release process for Crew Terminal applications and server components
- Tested network performance and load capabilities of Crew Terminal's event-driven server
- Performed root cause analysis and defect triage for major airlines such as Emirates and American Airlines, ensuring high-priority release dates were met

Education

M.S. in Applied Mathematics

California State University-Long Beach - Long Beach, CA

September 2018 to December 2020

B.S. in Applied Mathematics

University of California - San Diego, CA

September 2013 to June 2017

Skills

- C#
- Google Cloud Platform
- Node.js
- Visual Studio
- React
- Angular
- TypeScript
- DevOps
- Git
- Linux
- Docker
- JavaScript
- Selenium
- AWS
- Python
- CI/CD
- SVN
- JSON
- XML
- Cypress
- REST
- APIs
- Unit testing
- Web services

Links

<http://linkedin.com/in/nathan-nguyen-sre>