

Andy Nguyen

andyln.com - anguyen29@wisc.edu

Experience	<p>Software Developer (Remote / Milwaukee, WI): Liberty Mutual 2019 - 2021</p> <p>Created and deployed to production AWS serverless infrastructure to do intelligent data extraction and duplicate detection on tens of thousands of documents per day, allowing users to save thousands of work hours per year. Built multi-region active-active systems at a global scale, enabling disaster recovery and high availability.</p> <p>Presented to over 600 viewers at CDK Day, an AWS Organized Event. Gave a tech talk on migrating from AWS CloudFormation to AWS CDK in production.</p> <p>Product ownership of a new application, met and worked with teams across domains from developers to senior management to plan innovative and useful features for users while also aligning with key strategies for the company.</p> <p>Won the “Technical Excellence” Award at Liberty Mutual’s largest internal hackathon.</p> <p>TechStart Technology Associate (Indianapolis, IN): Liberty Mutual 2018 - 2019</p> <p>Developed an event driven ecosystem for automatic OCR on stored images. Built with AWS Lambda, SNS, and S3. Spring Boot, Docker on AWS ECS Fargate for vendor product.</p> <p>Coded tools for underwriters for Ironshore integration. Stepped in to tackle application design, and out to make an effective team environment, providing guidance as needed. Resulted in agile solution delivery. Used React, Node, Microsoft Graph API, and Denodo.</p> <p>TechStart Intern (Dover, NH): Liberty Mutual 2017</p> <p>Implemented microservices to track cloud usage and cost across organizations. Developed with Spring, MySQL, Cloud Foundry, New Relic, and AWS.</p> <p>TDP Intern (Wausau, WI): Liberty Mutual 2016</p> <p>Designed a platform for employees to ideate on hackathon projects. Used Angular.</p>
Projects	<p>Open Source: 2019 - 2021</p> <p>Published several Java libraries on Maven Central, used by coworkers. Made example projects, such as full stack projects with Python and JavaScript, Docker, and Cucumber. Created app to make mock CSV data using Faker API with custom hook, and more.</p> <p>MadHacks Organizer and Engineer Team Lead: 2015 - 2018</p> <p>Sponsored by Capital One, Liberty Mutual, Microsoft, Google, and others to raise over \$50,000. Organized two ~300 participant, and three ~100 participant, hackathons.</p> <p>Internet of Things, Automatic Home Watering Solution: 2016</p> <p>Collaborated with a team of five and Fiskars to prototype a portable smart watering device for home owners using a Raspberry Pi. Demoed at IOT expo.</p> <p>Video game Server Owner: 2012 - 2013</p> <p>Maintained a 24/7 server for 50-100 active users. Used PayPal Developer API and PHP to create payment service. Programmed plugins in Java and Bukkit API, resulted in over 20,000 downloads and Curse, Inc. interview.</p>
Skills	<p>Languages: Java (Spring), JavaScript and TypeScript (React + Node.JS), C#, Python, C</p> <p>Databases: MongoDB, DynamoDB, MySQL, PostgreSQL</p> <p>Testing: BDD using Cucumber with Enzyme, TDD using JUnit with Mockito, Jest</p> <p>Technologies: AWS, Hololens 2, Data Virtualization, OAuth2 and OIDC, Serverless</p> <p>DevOps: Git, Docker, Maven, Flyway, Cloud Foundry, Atlassian (Bamboo, Jira, etc.)</p> <p>Software Engineering: Agile, Scrum, Threat Modeling</p>
Education	<p>Bachelor of Science, Computer Science: University of Wisconsin Graduated 2018</p> <p>Certificate/Minor, Mathematics: University of Wisconsin</p>