Andy Nguyen andyln.com - anguyen29@wisc.edu

Experience	**TechStart Technology Associate (Indianapolis IN):** Liberty Mutual 2018

Coded tools for underwriters, as part of a company integration. Demonstrated leadership by choosing technologies to maximize business value. Stepped in to solve difficult issues as well as make application design decisions, and stepped out to create an effective and efficient team environment, while providing guidance when needed. Resulted in agile solution delivery. Used React, Node.js with Express, Microsoft Graph API, and Denodo.

TechStart Intern (Dover NH): Liberty Mutual   2017

Implemented microservices that track cloud usage at a business org level. Improved user experience by displaying usage metrics on an online dashboard. Developed with Spring, MySQL, Cloud Foundry, New Relic API, and Amazon Web Services API.

TDP Intern (Wausau WI): Liberty Mutual   2016

Designed a platform for developers and non-technical employees to ideate on hackathon projects. Used Angular.

"Mad"Projects   **MadHacks Organizer:**   2015 - 2018

Sponsored by Capital One, Liberty Mutual, Microsoft, Google, and many others to raise over $50,000. Organized two ~300 participant, and three ~100 participant, hackathons. Automated submissions and judging, with Python scripts and APIs, improving efficiency and saving time for sponsors. Built website with HTML, CSS, Bootstrap, and JavaScript.

MadWiki: 2018

Created a full-stack Wikipedia-like tool for UW-Madison students and faculty. Configured CI/CD on Heroku, Database migrations with Flyway, Hibernate (JPA), and TDD with JUnit and Mockito. Worked with a team of six developers.

Projects   **Internet of Things, Automatic Home Watering Solution:**   2016

Collaborated with a team of five and Fiskars to design and prototype a portable smart watering device for home owners using a Raspberry Pi. Demoed project at Internet of Things expo for feedback by corporate sponsors.

Video game Server Owner: 2012 - 2013

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, resulting in over 20,000 downloads and interview by Curse, Inc.

Skills   **Languages**: Java (Spring), JavaScript (React + Node.JS), C#, Python, C
Databases: MongoDB, MySQL, PostgreSQL
Testing: Cucumber with Enzyme, JUnit with Mockito
Technologies: Virtual Reality, Data Virtualization, OAuth2 and OpenID Connect (OIDC)
Dev Ops: Git, Maven, Flyway, Atlassian (Bamboo, Jira, etc.), Cloud Foundry

Education   **Bachelor of Science Computer Science:** University of Wisconsin | Graduated 2018
Certificate/Minor, Mathematics: University of Wisconsin

Professionally Trained in the Following	**Academically Trained in the Following:**
BDD with Cucumber	Artificial Intelligence
React	Software Engineering
Agile and Scrum	
Security	