Giang (Zen) Nguyen

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Experience

Moody's Analytics Inc. San Francisco, CA | https://www.sfportal.com/

Software Engineer Intern   June 2016-August 2016

- Refactored backend Node services: authentication, API, error handling, logging, caching, analytics, etc.
- Worked with DevOps to setup, test, and deploy Redis cluster for user management and caching
- Root cause analysis for bugs in the ecosystem, became bugs hunting ninja
- Helped new hires and other interns get up to speed with project and coding practices
- Built team's camaraderie with activities such as foosball, Friday boba roulette, and Korean BBQ outing

Moody's Analytics Inc. San Francisco, CA | https://www.sfportal.com/

Software Engineering Intern / Contractor   May 2015-Janurary 2016

- Studied and designed a fast and scalable front-end architecture using Angular
- Implemented core functionalities such as dynamic routing scheme, token base authorization, manager / lazy loader for Angular modules, testing environment with Karma and Protractor
- Implemented API client library for both REST and SOCKET endpoints under 1 uniformed interface, including implicit cache, automatic dependencies injection, and other tricks to increase performance

Moody's Analytics Inc. New York, NY | http://www.moodysanalytics.com/

Financial Engineering Intern   May 2014-August 2014

- Increased Support Team's productivity 60% by studying the team's workflow and developed appropriate tools
- Designed and developed a Structured Finance Assets lookup web app for external clients
- Collaborated with other developers to maintain, create, and document other products

Carney, Inc. Alexandria, VA | http://www.teamcarney.com/

Software Engineering Intern   June 2012-August 2013

- Researched, refined, implemented, and trained NPL algorithms
- Worked on Sentiment Analysis and Hierarchical Phrase Alignment tools using Stanford's coreNPL, corpora and Treebank
- Maintained and incorporated new functionalities to code base for a Conversational Agent
- Developed a Facebook application demo using in-house built Conversational Agent

Education

University of Wisconsin, Madison. School of Engineering   December 2017

- B.S in Computer Science and Electrical Engineering | GPA: 3.482, Dean's List 2013, 2014
- Posse Foundation Leadership Scholarship

Languages & Skills

- JavaScript / TypeScript • C / C# • Python • MATLAB • Angular / Node • Perforce / Git
- Vietnamese