Daniel Khuu

T: (646) 515-5517 • **W:** dnlkhuu77.github.io • **E:** danielkhuu@yahoo.com • Nashua, NH

 github.com/dnlkhuu77 • linkedin.com/in/daniel-khuu-88b37383

EXPERIENCE

Software Engineer Associate   Jan 2019 - Present

Fidelity Investments | Merrimack, NH • Raleigh, NC

Responsible for contributing and maintaining an AWS Cloud Native project that allows application teams to publish their test result files from various testing tools, like FitNesse or JUnit, as part of their CI/CD pipeline into a system of record for historical, traceability, and metrics purposes. Involved in the full SDLC including project scheduling estimations, design, and development of the project.

Key Accomplishments:
- Part of an early migration to a different internal AWS Cloud structure to comply with company goals
- Built the next version of monitoring by leveraging Datadog, a new technology to the team
- Built a tool in Java that utilizes the AWS SDK to troubleshoot customer issues
- Grasped the functionality of Jenkins by creating jobs scheduled to run daily to alert the team of expiring EC2 AMIs

Teaching Assistant   Sept 2016 - Dec 2016

Stony Brook University Computer Science Department | Stony Brook, NY
- Held office hours each week to assist college students with coding assignments and exam preparation
- Guided college students through coding exercises during laboratories

Social Media Manager   Jun 2015 - Aug 2015

NYC Urban Debate League | New York, NY

Responsible for day-to-day social media operations for a nonprofit debate organization. Involved in the preparation and organization of classes and debates of up to 100 students from middle school to high school.

Key Responsibilities:
- Worked with a small team to design and plan classes and events
- Managed all the contents on the organization's blog and social media accounts to recap past events and prepare for future events

EDUCATION

Stony Brook University | Stony Brook, NY   Aug 2013 - Dec 2017
- Bachelor of Science in Computer Science | Minor in Writing
- GPA: 3.66/4.0
- Dean's List: Aug 2013 - Dec 2017

PROJECTS

- **jClass Designer.** *Java, JavaFX.* UML editor that allows users to add/edit/delete classes, variables, methods, and relationships as well as the ability to export Java skeleton code templates.
- **sFish Shell.** *C.* Recreated UNIX shell with the added functionalities of redirection and piping.

TECHNICAL SKILLS

Languages: Java, HTML/CSS, Python, Shell Scripting, C, MIPS Assembly

Tools: Git, JIRA, AWS Cloud, Visual Studio, JUnit, Jenkins, IntelliJ, Eclipse, Datadog, Maven, Postman, FitNesse Regression, Agile/Scrum, Bootstrap, JavaFX, Linux, Concourse CI, MySQL, Spring, Splunk, macOS, Confluence