

# Daniel Khuu

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## EXPERIENCE

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### Software Engineer

Jun 2020 - Present

### Software Engineer Associate

Jan 2019 - Jun 2020

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:

- Designed and built new version of the codebase to upgrade latency and streamline data from ALM to Snowflake/Tableau
- Built the next version of monitoring by leveraging Datadog, a new technology to the team
- Built a script in Powershell that creates batch files as part of the CD/CI pipeline for the offshore team
- Part of application migration to a different internal AWS Cloud structure to comply with company goals

### 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 social media accounts to recap past events and prepare for future events

## EDUCATION

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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

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- **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

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**Languages:** Java, HTML/CSS, Python, Powershell, 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, Snowflake, Tableau