

# Daniel Khuu

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## EXPERIENCE

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### Software Developer (Contract)

May 2021 - Present

JP Morgan Chase | Plano, TX

Responsible for contributing to the migration of data files and performing post database retirement analysis.

#### Key Responsibilities:

- Performed ingestion on over 100 files from on-perm Oracle data store to Hadoop data lake
- Contribute to Python scripts that expedite pipeline construction for file ingestion
- Analyze what legacy database schemas to retire for application owners

### Software Engineer

Jun 2020 - May 2021

### Software Engineer Associate

Jan 2019 - Jun 2020

Fidelity Investments | Merrimack, NH

Responsible for contributing and maintaining a REST API web service using Java Spring Boot and hosted on AWS Cloud to parse and publish result files from various testing frameworks, like JUnit, into a system of record as part of users' CI/CD pipelines.

#### Key Accomplishments:

- Designed and overhauled the entire codebase from scratch to add requested features, apply coding standards, improve monitoring, and utilize Snowflake/Tableau for data visualization
- Introduced Datadog monitoring to implement performance alerts, create SLOs/SLAs on latency and error rate, and parse log statements for data analysis on interactive dashboards
- Built and deploy a Powershell script that creates batch files as part of the CD/CI pipeline for an offshore team
- Participated in application migration to a different internal AWS Cloud structure to comply with company goals
- Promoted to team lead on iCEDQ, an ETL validation tool for on-perm Oracle databases and AWS RDS, for entire business unit

### 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

## 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.* A live UML editor that also allows users to export Java skeleton code templates.

## TECHNICAL SKILLS

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**Languages:** Java, HTML/CSS, Python, Powershell, Shell Scripting, Angular, C, Assembly Language

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