

DANIEL KHUU

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PROGRAMMING SKILLS

Languages

Java, C, HTML/CSS, Python, Perl, MIPS
Assembly

Frameworks

AWS Cloud, Jenkins, Maven, Junit, Spring,
Bootstrap

Tools

Concourse CI, Sublime Text, IntelliJ,
Datadog, Splunk, Eclipse, Linux, Git,
LaTeX, Microsoft Office, macOS

EDUCATION

Stony Brook University

B.S. Computer Science
Writing Minor

Aug 2013 - Dec 2017

3.66 GPA

Deans List: Aug 2013 - Dec
2017

Relevant Coursework

Java, C, Data Structures, Design
Patterns, Algorithms, System
Architecture, Scripting Languages,
Security Fundamentals

EXPERIENCE

Fidelity Investments

Jan 2019 - Present

Software Engineer Associate

- Maintain an application in AWS that parse JSON/XML result files to QC ALM.
- Coordinate the migration of the application to different AWS structure by using propriety tools.
- Create tools in Java to troubleshoot issues and alerts caused by customer misuse.

JP Learning Hub

Oct 2018 - Dec 2018

Tutor

Tutor middle and high school students on their assignments and exams.

SBU Computer Science Department

Sep 2016 - Dec 2016

Teaching Assistant

Held office hours each week to assist college students taking Computer
Science III with assignment assistance and exam preparation

NYC Urban Debate League

Jun 2015 - Aug 2015

Social Media Manager

Managed the content on the organization's blog and social media. Worked with a team to
plan and design classes and events.

PROJECTS

Dotify

HTML, CSS, Bootstrap, Spark Java,
Maven, MySQL, Vue.js

A Spotify web application built using
Spark Java and Vue.js for the backend
and Bootstrap for the frontend. Built
with a team

Sunflix Database Project

HTML, CSS, Bootstrap, REST,
Java, MySQL, Spring

A movie rental web application
built using Java with Spring
framework, JDBC, and MySQL -
<https://goo.gl/tnkXW3>

Interest Groups Forum Server

Java, Python

An online discussion form based on client-
server architecture able to support
multiple clients simultaneously
<https://goo.gl/XBDCuV>

Computer Science III Course Project

Java, JavaFX

A workable UML editor with the ability
to export code based on user's input.
Includes the ability to add, edit, and
delete relationships, entries, methods,
and variables -
<https://goo.gl/ZPp2B8>

sFish Shell Project

C

A re-created Unix shell with
redirection and piping
implemented -
<https://goo.gl/MwNzEr>

Naming Music Sorter

Java, Maven

Sorts downloaded MP3 music files into a
specific order based on the length of the
music files. Includes the ability to change
MP3 tags. - <https://goo.gl/JohvT3>

ACTIVITIES AND INTERESTS

Stony Brook Computing Society, The National Society for Collegiate Scholars, Reading, Aviation, Sports, Teaching,
Transportation