

Takezo Johnson

☎ 678-467-0910 | ✉ johnsontakezo@gmail.com | 🔗 linkedin.com/in/takezoj | 🐙 github.com/takezoj

Education

Northeastern University | B.Sc. in Computer Engineering

Boston, MA

GPA: 3.36/4.0

Dec 2020

Honors: Dean's List, Ujima Global Leader (Merit Scholarship), Japanese Student Association (President)

Skills

Software Engineering: Python, Java, C++, Scala

Tools/Technologies: Git, Linux/Unix, AWS, Tensorflow, Keras, Kanban, Jira

Work Experience

JP Morgan

Chicago, IL

Software Engineer

July 2021 - Present

- Developing a configurable application using Java, Spring, Angular, Drools, and GraphQL to facilitate the loan booking process for commercial banking
- Work closely with product leads to assess sprint needs and fix production defects
- Implemented new logic to change the workflow process of booking loans and created an endpoint to fix an error affecting loans in production

Amazon

Seattle, WA (remote)

SDE Intern

May 2020 - July 2020

- Migrated a machine learning system to Native AWS and modularized pipeline to improve efficiency and flexibility
- Used CloudFormation's infrastructure-as-code to create Glue Crawlers and Jobs in Scala to get and preprocess data from S3 to feed into machine learning models
- Wrote metrics to CloudWatch and setup a dashboard to display key statistics

Goldman Sachs

New York, NY

Engineering Analyst Intern

Jan 2020 - April 2020

- Built a machine learning model using TensorFlow to predict expected durations of background tasks on trading risk platform
- Performed data analysis to build and test models and automated retraining cycle to gather new data from ElasticSearch and update the model being used in production
- Created a Flask REST service that runs the model and leveraged Vert.x to get predictions from Java codebase to display results on Risk Status Page

SAP

Walldorf, Germany

Software Engineering Intern

May 2019 - Aug 2019

- Implemented a mountable encryption layer using AES-GCM algorithm in Go for a file system driver in Linux user space
- Researched encryption algorithms and learned Go quickly by reviewing existing code and testing ideas
- Collaborated with team to test and ensure compatibility of encryption with compression mount across cloud platforms

Projects

Facial Recognition Smart Door

- Led a team to plan, code, and present finished smart home app in under 24 hours for BostonHacks
- Programmed an app which implements cascade classifier in Python using OpenCV to open a door using facial recognition
- Incorporated Twilio API to send customized mobile alerts depending on successful or failed unlock attempt

Languages & Interests

Languages: English (Native), Japanese (Native), German (Intermediate)

Interests: Scifi, Investing/Trading, Photography, Skateboarding, Travel