

# Joachim Kennedy

joachimkennedy@gmail.com

## SKILLS

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- Languages: Java, Typescript, Python, SQL
- Tools: Git, AWS, AI
- Processes: CI/CD, Agile

## WORK EXPERIENCE

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### Software Engineer

2022 - Present

Amazon Web Services (AWS)

- Resolved security vulnerability in integration tests by replacing SSH tunneling with AWS SSM
- Decreased Java package build time by 25% by pruning extraneous region data dependency
- Wrote CRUDL API logic and testing for an upcoming AWS Lambda feature
- Designed project and mentored intern to speed up a background job using parallelization, resolving some customer pain points up to 10 hours faster

### Full Stack Mobile Developer

2021 - 2022

Epic Systems

- Established feature requirements for adjustable text-size in iOS and Android by referencing accessibility standards, shadowing end users, and developing a prototype for UI testing
- Enabled video recording feature on Android app for end users to document patient recovery

### Teaching Assistant

2020 - 2021

Introduction to Machine Learning

- Refined lesson plans on foundational Artificial Intelligence topics including gradient descent, convolutional neural networks, and reinforcement learning

### Research Assistant

2018 - 2019

Saxelab Social Cognitive Neuroscience Lab

- Identified regions of interest in the brain for a subsequent fMRI study by conducting a meta-analysis of negative emotion regulation literature

## EDUCATION

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### Massachusetts Institute of Technology

2021

BS in Computer Science and Cognitive Science

GPA: 4.6/5.0

Track & Field

## VOLUNTEERING

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### Assistant Coach, Rain City Flyers

2025

- Coached middle school athletes in workouts and drills for long jump, hurdles, and sprint events

### Tutor, Youth Tutoring Program

2024

- Assisted under-served students with homework and reading