

# SSWE Schedule Overview

**Cohort 46 (KE SSWE)**

September 19<sup>th</sup> 2022 to March 3<sup>rd</sup> 2023

# Proposed Times

Mon, Wed, Fri:

- EAT – 6pm to 9pm
  - Problem solving (coaching session)
  - Learning session (Topic for the day)
  - Problem solving (group work)

Saturdays:

- Appointment for a 1-hour One-on-One coaching session (Every participant should have at least one session in a month)
- In-person Tutorial Sessions

# Month 1

Mon	Wed	Fri	Sat
Sep 19 Welcome Session Introduction to Leap HW: <a href="#">Prepare Introduction</a>	Sep 21 <b>Complexity Analysis</b> Break Out Sessions	Sep 23 Participant Introductions Breakouts for Problem Solving HW: <a href="#">Prep your PDP (1-2hr)</a>	Sep 24 xx
Sep 26 <b>Recursion</b> Breakouts for Problem Solving	Sep 28 <b>Recursion Practice</b> Coaching (Groups)	Sep 30 Logic Quiz Coding Team Competition	Oct 01 Coaches available One-on-one sessions by appointment
Oct 03 <b>Graphs</b> Breakouts for Problem Solving	Oct 05 <b>Cultivating a Growth Mindset</b> (Dominic Omwoyo) Coaching (Groups)	Oct 07 Personal Development Plans Meetings with volunteer Mentors (20 min meetings as group work is on)	Oct 08 In-Person Session
Oct 10 <b>Graphs</b> Breakouts for Problem Solving	Oct 12 <b>Imposter Syndrome</b>  (Guest Speaker) Coaching (Groups)	Oct 14 <b>In Class Paired Mock Interviews</b>	Oct 15 Coaches available One-on-one sessions by appointment

# Month 2

Mon	Wed	Fri	Sat
Oct 17 <b>Binary Tree Traversal</b> Breakouts for Problem Solving	Oct 19 <b>Meet n Greet (in person?)</b> <b>Microsoft Opportunities &amp; Microsoft Culture</b> (Guest Speaker – Recruiting Team)	Oct 21 Logic Quiz <b>Graphs &amp; Trees Competition</b>	Oct 22 Coaches available One-on-one sessions by appointment
Oct 24 <b>Technical Individual Assessment</b> (take home graphs & trees) <b>Diwali</b>	Oct 26 <b>Giving and Receiving Feedback</b> Guest Speaker Coaching (Groups)	Oct 28 <b>In Class Mock Code Interviews</b>	Oct 29 Coaches available One-on-one sessions by appointment
Oct 31 <b>Dynamic Programming</b> Breakouts for Problem Solving	Nov 02 <b>Leading with emotional Intelligence</b> Guest Speaker Coaching (Groups)	Nov 04 Logic Quiz Clean Code Exercises	Nov 05 Coaches available One-on-one sessions by appointment
Nov 07 <b>Dynamic Programming</b> Breakouts for Problem Solving	Nov 09 <b>Personal Branding</b> (Guest Speaker) Coaching (Groups)	Nov 11 Logic Quiz Coding Team Competition	Nov 12 Coaches available One-on-one sessions by appointment

# Month 3

Mon	Wed	Fri	Sat
Nov 14 <b>LinkedList</b> Breakouts for Problem Solving	Nov 16 <b>Interview Preparation</b> (Guest Speaker) Coaching (Groups)	Nov 18 <b>Coding Interviews with Coaches</b> (While Group Coding is going on)	Nov 19 In-Person Session
Nov 21 <b>Heaps &amp; Hashing</b> Breakouts for Problem Solving	Nov 23 <b>Having Difficult Conversations</b> Guest Speaker Coaching (Groups)	Nov 25 <b>Coding Interviews with Coaches</b> (While Group Coding is going on)	Nov 26 Coaches available One-on-one sessions by appointment
Nov 28 <b>Mock Interview</b> Two Coding Interviews One Soft Skills Interview	Nov 30 <b>Mock Interview</b> Two Coding Interviews One Soft Skills Interview	Dec 02 <b>Mock Interview</b> Two Coding Interviews One Soft Skills Interview	Dec 03 Coaches available One-on-one sessions by appointment
Dec 05 <b>Introduction of Distributed Systems</b>	Dec 07 <b>Effective Listening</b> (Guest Speaker) Coaching (Groups)	Dec 09 <b>Introduction of Distributed Systems II</b>	Dec 10 Coaches available One-on-one sessions by appointment

# Month 4

Mon	Wed	Fri	Sat
Dec 12 <b>Public Holiday</b> <b>Jamhuri Day</b> No class session	Dec 14 <b>Problem Assignment</b> (Guest Coach)	Dec 16 <b>System Design Concepts</b> New Problem Assigned <b>Christmas break for three weeks</b>	Dec 17 Coaches available One-on-one sessions by appointment
Jan 9 <b>Object Oriented Design</b>	Jan 11 <b>Solution Presentation</b> (Guest Coach)	Jan 12 <b>Quiz</b> <b>Single Node Patterns</b>	Jan 13 In-Person Session
Jan 16 <b>Object Oriented Design</b>	Jan 18 <b>Problem Assignment</b> (Guest Coach))	Jan 20 <b>Quiz</b> <b>Multi-Node Patterns</b>	Jan 21 Coaches available One-on-one sessions by appointment
Jan 23 <b>Peer to Peer Mock Interview</b> (Systems Design)	Jan 25 <b>Solution Presentation</b> (Guest Coach)	Jan 27 <b>Quiz</b> <b>Batch Computational Patterns</b>	Jan 28 Coaches available One-on-one sessions by appointment

# Month 5

Mon	Wed	Fri	Sat
Jan 30 <b>In Class Paired Mock Interviews</b>	Feb 01 <b>SD Interviews with Coaches</b> (While Group Coding is going on)	Feb 03 <b>Peer to Peer Mock Interview (OOD)</b>	Feb 04 In-Person Session
Feb 06 <b>Logic Quiz</b> <b>Coding Team Competition</b>	Feb 08 <b>SD Interviews with Coaches</b> (While Group Coding is going on)	Feb 10 <b>Logic Quiz</b> <b>Coding Team Competition</b>	Feb 11 Coaches available One-on-one sessions by appointment
Feb 13 <b>Mock Interview</b> Two Coding Interviews System Design Interview	Feb 15 <b>Mock Interview</b> Two Coding Interviews Systems Design Interview	Feb 17 <b>Mock Interview</b> Two Coding Interviews Systems Design Interview	Feb 18 Coaches available One-on-one sessions by appointment
Feb 27 <b>Session Review</b>	Mar 01 <b>Mock Interview</b> <b>One on One Feedback sessions</b>	Mar 03 <b>Close Out Procedures</b> <b>Graduation</b>	

Week of Feb 20<sup>th</sup>, Feb 22<sup>nd</sup> and Feb 24<sup>th</sup> will be used for Mock interview feedback sessions and placeholder for additional practice or teaching time and reviews.