

Discover Technology Apprenticeship Program

Orientation | August 5, 2024



Agenda

- Meet Your Instructors
- Program Overview
 - Program Phases
 - Skill IQs
 - Program Calendar
 - Program Topics Week-by-Week
 - Expectations
 - Evaluation Methodology
- Q&A

Meet Your Instructor - Weeks 1-2



Dave Wade-Stein (DWS)

Dave has 9+ years at Pluralsight teaching Python, Learn to Code, DevOps, Linux, and more

He has lots of other teaching experience, including US Navy, two universities, even a high school!

He's taught Python to incarcerated individuals at Folsom Women's Facility and continues volunteering to this day.

Dave has held several developer gigs on small teams, often in a DevOps role, long before the term existed...

Meet Your Instructor - Weeks 3-5



Tim Kellogg

Tim is a Software Developer and Technical Instructor with experience using and teaching a wide variety of development languages and technologies. He's a polyglot programmer with a penchant for producing pretty paragraphs and passionate presentations.

Tim has been teaching full stack development since 2018. His last software role was as a Senior Developer. He's also an Azure Developer Associate and MongoDB Associate Developer certified.

Tim also volunteers for Microsoft TEALS to teach computer science to high schoolers!

Meet Your Instructor - Weeks 6-19



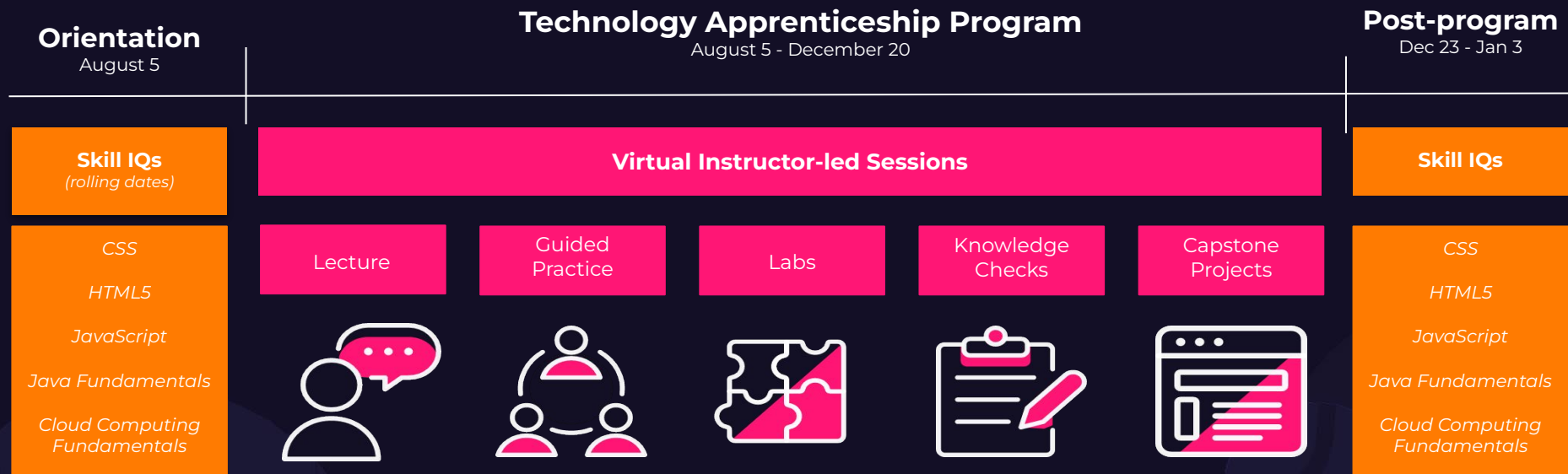
Jon Hop

Jon's first programming language was BASIC that he learned on the classic green screen Apple 2es, back in the day.

In high school he had his first small business, making websites for churches, back when frames were what you had to do layouts.

Jon was a teacher for most of his adult life, then left teaching to get back into programming! He's full stack, but especially enjoys the back end. Over the years, he's worked with all manner of projects, legacy and otherwise.

Program Phases



Pre-program and Post-program Skill IQs

What they are

Skill IQs measure an individual's and team's proficiency in an area compared to all other users within Pluralsight.

What they are not

Skill IQs are not a “test,” nor are they a measure of the effectiveness of the academy directly.

How to take them



Skill IQs are **adaptive** and the questions/difficulty level vary based upon your unique responses.

They only take ~15 minutes each.

- *We'll send out notices when it's time to take a Skill IQ*

If you don't know the answer, **don't guess.**

“I don't know” is preferable to guessing, since the assessment is looking for your individual proficiency.

You can check up on your status every 14 days (*i.e. Skill IQs can be retaken 14 days after each take.*)

Program Calendar

 Immersive Virtual Instructor-Led Weeks
 Capstone Project Weeks with Instructor Support

MONDAY						TUESDAY						WEDNESDAY						THURSDAY						FRIDAY						MONDAY						TUESDAY						WEDNESDAY						THURSDAY						FRIDAY																																						
Aug 5-9	WEEK 1																														Sept 23-27	WEEK 8																														Nov 11-5	OFF						WEEK 15																							
	WEEK 2																															WEEK 9																															WEEK 16																													
	WEEK 3																															WEEK 10																															WEEK 16.5																								OFF					
	WEEK 4																															OFF						WEEK 11																									WEEK 17																													
	OFF						WEEK 5																									WEEK 12																															WEEK 18																													
Sept 2-6	WEEK 6																														Oct 28-Nov 1	WEEK 13																														Dec 16-20	WEEK 19																													
Sept 9-13	WEEK 7																															WEEK 14																															Holidays: Labor Day: September 2, 2024 (Monday) Indigenous People's Day: October 14, 2024 (Monday) Veteran's Day: November 11, 2024 (Monday)																													
Sept 16-20																																																																																												

Holidays:
Labor Day: September 2, 2024 (Monday)
Indigenous People's Day: October 14, 2024 (Monday)
Veteran's Day: November 11, 2024 (Monday)
Thanksgiving & Native American Heritage Day: November 28-29, 2024 (Thursday & Friday)

Program Topics Week-by-Week

Week 1	Intro to Computer Science & Programming Using Python	Week 8	Web Development with JavaScript	Week 15	 Software Testing
Week 2	Intro to Computer Science & Programming Using Python	Week 9	Web Development with JavaScript	Week 16	Intro to Cloud Intro to CI/CD
Week 3	Intro to Software Development & Application Development Tools	Week 10	 Introduction to SQL	Week 17	Cloud Services Connectivity
Week 4	Web Development with HTML & CSS	Week 11	Object-oriented Programming with Java	Week 18	Capstone Project Week 1
Week 5	Web Development with HTML & CSS	Week 12	Object-oriented Programming with Java	Week 19	Capstone Project Week 2
Week 6	 Web Development with JavaScript	Week 13	Object-oriented Programming with Java		
Week 7	Web Development with JavaScript	Week 14	Object-oriented Programming with Java		



Immersive Virtual
Instructor-Led
Weeks



Capstone Projects w/
Instructor Support



Knowledge Checks

What to expect

While each day may look different, here's what to generally expect throughout the program:

- A typical day
- A typical week
- The Capstone Project weeks
- Knowledge Checks



Along with some tips on how to make the most of your experience:

- How to be a great student and peer
- How to ask for help

Program Evaluation Methodology

- Program apprentices will be continuously evaluated based on the following:
 - Your participation and collaboration with your peers
 - Your knowledge acquisition
 - Your application of concepts
 - Your attendance in the Virtual Instructor-led Sessions



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- We'll ask for your feedback, too.
 - Course evaluation surveys will be sent to ask for your ratings and comments on your experience in the program with your instructor.
 - We encourage you to share your feedback openly and provide suggestions to improve your experience.



Questions?