

Digital University – How To Make Airmen Coders

DAFITC 2023

Panel Moderators



Lt Col Tyler Hough
BESPIN COO



Peyton Cleveland
Omni Federal Senior
Software Engineer

The Panel



SrA Liam Simko



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HOW WE FLY, FIGHT AND WIN!



Mobile and Web

We specialize in the development and deployment of mobile/web apps from ideation to solution



cATO

We are the preferred on-ramp to C1 for rapidly driving apps to production under our Continuous Authority to Operate capability



DevSecOps

We are providers of cost effective, user-focused and mission-driven DevSecOps



BESPIN

About Digital University



DIGITAL
UNIVERSITY

Digital University (DU) is a training platform that provides anytime access to Silicon Valley accredited training in the most in-demand Operational Cyber Career Pathways.

Currently, DU serves over 100,000 learners across the DoD with a 40,000+ course catalog across Udemy, Data Camp, Cloud Academy, Coursera, and Udacity.

DU Airmen Coder Program

Purpose

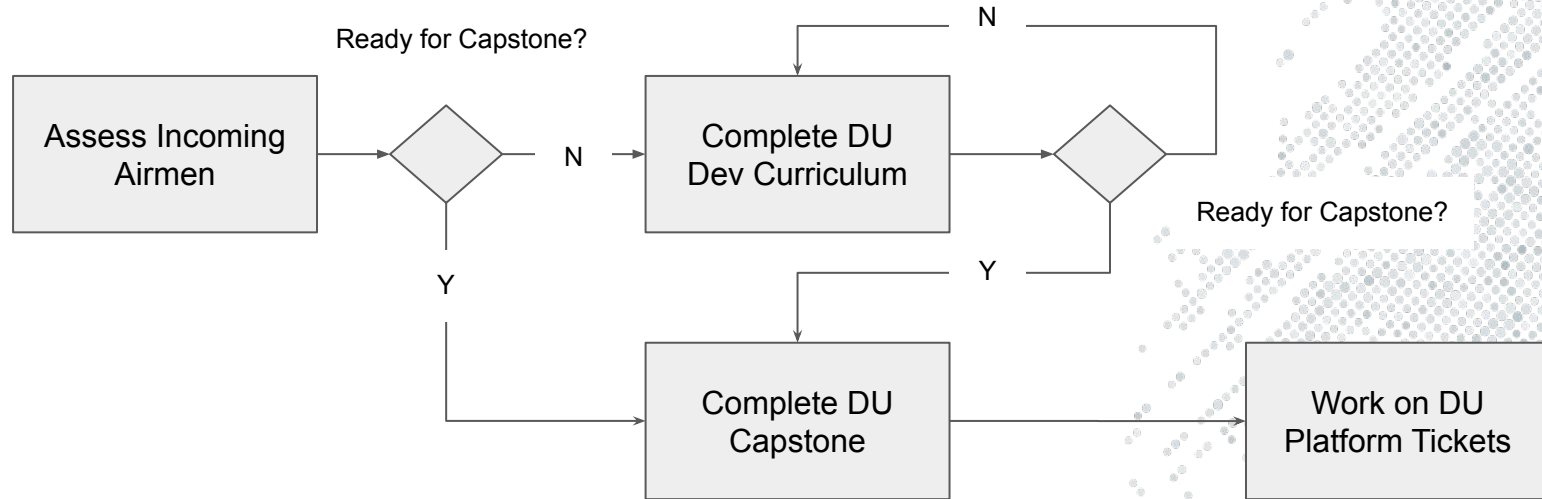
- Align with BESPIN mission to make **“for Airmen by Airmen”**
- **Make Airmen Coders**



Approach

- Continuous assessments & mentorship
- DU specific curriculum ending in capstone
- Week 1 Classroom Accelerator
- Real world exposure to enterprise software development (actually building DU platform)

How the Airmen Coder Program Works



Military Support & Mentoring

Omni Federal Support & Mentoring

What Worked

- **AI Generated Assessments**
 - Allowed us to gain an in-depth understanding of each airman's progress, strengths and weaknesses
- **Classroom style learning**
 - Quickly covered large amount of content
 - Personalized, hands-on instruction
- **Project based learning**
 - Exposed airmen to real-world problems
 - Gave airmen resources and tools for continued learning

Lessons Learned

- **More Classroom Mentoring**
 - Airmen needed more classroom assistance that originally planned
- **Flexible Curriculum**
 - Identified need for a more flexible curriculum that can be tailored to each individual's initial understanding and pace of learning.
- **Refine Assessment Tool**
 - Refine the AI assessment algorithms to better align with the learning objectives and skills required in real-world software development.
 - Expand DU exams to support code snippets within questions and responses

Panel Discussion

Digital University

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AFLCMC/BESPIN

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