

Grant Project Descriptions

Arizona Board of Regents on behalf of Arizona State University, Tempe, AZ

Organization Type: Institution of Higher Education

Project Name: *ASU Digital Workforce Apprenticeship Partnership*

Award Amount: \$1,999,285

Target H-1B Industry Sector(s): Advanced Manufacturing; Health Care; IT and IT-related Industries

Target H-1B Occupations: Computer and Information Analysts, Computer Systems Analysts, Information Security Analysts, Software Developers and Programmers, Computer Support Specialists, Management Analysts

Credential(s) Awarded: Bachelors and Masters Degrees; certificates in Business Analysis, Cybersecurity and Data Science

New or Existing Apprenticeship Program: New Apprenticeship Program

Cybersecurity and AI: Both

Summary of Apprenticeship Program Activities: The **Arizona Board of Regents on behalf of Arizona State University** was awarded \$1,999,285 for the *ASU Digital Workforce Apprenticeship Partnership*. This public-partnership will close the skills gap in the labor market through a broad portfolio of high skill educational activities and paid apprenticeships in the fields of advanced manufacturing, health care, and information technology. The Apprenticeship Partnership includes nine key employer partners including Choice Hotels, PetSmart, Inc., and Raytheon Corporation. The partnership will: (1) create four distinct, progressively high skilled pathways to train apprentices for highly sought after H-1 B occupations in advanced manufacturing, retail, healthcare, hospitality , and technology industries, (2) leverage extensive Arizona State University digital courseware in Information Systems, Business Data Analytics, and Cybersecurity as educational materials for the apprentices, (3) build strong sustaining collaborations with employers, industry associations and workforce development organizations in Arizona and beyond to produce paid apprenticeships , and (4) enable development of new digital courseware in emerging and in-demand technologies such as cloud computing, Internet of Things (IoT) and deep learning. The program has a Statewide and National geographic scope providing services to participants in Opportunity Zones in Arizona and cities served by employer partners across the country.

Geographic Scope: Statewide and National

Service Area: Arizona and cities served by employer partners

Opportunity Zone: Yes

Proposed Number of Apprentices Served: 2,300

Target Population: Unemployed, underemployed, and/or incumbent workers with a focus on: veterans, military spouses, transitioning service members, and under-represented populations in apprenticeships including women, people of color, and ex-of-fenders, and other populations with employment barriers that hinder movement into middle-to high-skilled H-1B occupations and industries.

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