BayICT Partnership 2021-Q4 Quarterly Report

The BayICT Partnership convened its 5th meeting on December 2, 2021, continuing the focus on AI and data analytics. Actions resulting from the meeting center around partnering with Intel and its AI for Workforce program to explore integration of that curriculum into Bay Area AI/DA programs

Links
[Meeting Recording](#)
[Meeting Agenda](#)
[Meeting Presentation](#)

Meeting Topics, Discussion, and Actions

Preparting students for the growth of AI and data analytics jobs:
- No longer confined to CS/data science transfer programs
- LMI data indicates that careers in cybersecurity, cloud computing, business & marketing intelligence, manufacturing, and agtech are requiring at least a fundamental understanding and application of AI.
- From a Fall 2021 COE report:
  - 10,204 online job postings the last 12 months
  - Highest postings for Senior Software Engineer,, Software Engineer, Data Scientist, and Data Engineer
  - Top skills were artificial intelligence, machine learning,, python,, and software engineering
  - 96% require bachelor degree
  - Entry-level $89,550 - Median $110,000
- These roles are narrowly defined, suggesting the CS transfer pathways to AI/ML development vs. roles that implement or support AI ("Blue collar AI").
- 6 Bay Area CCs offer programs that may train for these roles

BayICT Update:
- 2022 Winter ICT Educators Conference January 6,7 2022.
  - 4 keynotes
  - 36 breakout sessions
  - Conference Capture the Flag (CTF) competition
- NSF grant awared for 2022 cyber camps
- BayICT.org update

Actions/Next Steps:
- BACCC will coordinate with Intel to plan and schedule a TTT early 2022
  - Participating colleges should come with an implementation objective
  - At least 3 faculty/college needed
- Plan and schedule an cross-sector AI webinar to raise awareness and introduce opportunities to integrate curriculum in their programs (early 2022)
- Start a ICT/DM CoP focused discussion on existing resources (initiate before EOY)
- Recruit "Tiger Team" for 2022 cyber camps and competitions
  - InfoSec professionals needed as coaches and judges
  - Contact Richard Grotegut (rgrotegut@gmail.com

BayICT Partnership Q4 2021 Highlights

- BayICT Tech Talks during Q4 2021.

Date	Speaker	Job Title	Organization	Topic	Participants
Sep 21	Dan Turchin	CEO	PeopleReign	"AI and the Future of Work"	29
Oct 4	Scott Rossi and Prakash Gurnani		NextGen Cyber Talent	NextGen Cyber Talent Update: Learn to Use Top SIEM Tools and Get $$$ for Completing Cybersecurity Courses	14
Oct 19	Dawn Kahn Simmons	IT Service Management and ServiceNow Consultant	So Innovate LLC	Digital Transformation Centers of Excellence	15
Nov 17	Dante Alabastro Hannah Arthur	Information Security Analyst	FireEye Security (former CCSF)	TBD IGNITE- Information session for students	21
Dec 6	Ben Beisswenger	Director of Internal Technology Products	Emerson Collective	Technology Infrastructure and Social Impact	6

- Digital Media Educators Conference October 28,29 2021
  - Successful collaboration with the Western Academy Training and Support Center (WASTC) for the return of the Digital Media Educators Conference (DMEC).
  - 2 keynotes, 15 breakout sessions, approximately 130 attendees
  - Conference playback
- NextGen CyberTalent Grant Program Extension
  - The DEI partners have expanded their completion incentive grant progam to Merritt College.
  - Cybersecurity tudents at CCSF and Merrits can now qualify to receive $350 for successfully completing courses learn to a certificate or AS in network or cyber security
- BACCC IBM SkillsBuild Digital Learning Partnership
  - BACCC and IBM Skillsbuild collaborated to develop a Canvas shell that allows ICT faculty to integrate professional and workplace skills into existing tech skills courses. To be presented at the 2022 Winter ICT Educators Conference

The BACCC ICT-DM team thanks our industry, faculty, community, and workforce development partners for their time and contributions to our plans and efforts to prepare our students for living wage jobs. The next quarterly meeting of the Partnership will be virtual, March 10, 2022.

Respectfully,

Olivia Herriford
Ray Kaupp
BACCC Regional Directors, Employer Engagement, ICT Digital Media

Appendix: BayICT Partnership

Q4 2021 Meeting Attendees

Business & Industry

Carlos	Contreras	Sr Director, Govt Partnerships & Initiative	Intel
Tony	Zirnoon	Founder / CEO	Human Capital Ventures Corp.
Aaron	Burciaga	VP, Analytics & AI	ECS Tech
Zoe	Pilla	CSR Manager	IBM CSR

Workforce Development

Michael	Katz		East Bay Works
Luther	Jackson		NOVA Works
Samantha	Miller		Alameda County Workforce Dev Board
Darlene	Sloan Hawkins		Alameda County Workforce Dev Board
Patience	Ofodu		Workforce Development Board of Contra Costa
Annie	Tahtinen		JVS
Kim	Pham		NOVA Works

Community Based Organizations

Vanessa	Russell	Executive Director	Love Never Fails

Bay Area Community Colleges

Ron	Sha	Dept Chair	Ohlone College
Maniphone	Dickerson	Dean, Business & Workforce Development	Evergreen Valley College
Richard	Grotegut	RD ICT-DM	BACCC
Ray	Kaupp	RD ICT-DM	BACCC
Olivia	Herriford	RD ICT-DM	BACCC
John	Careese	Director	Bay Area COE
Lauren	Tabata		BACCC
B. Lee	Federlee	Faculty	College of Marin
Denise	Moss	Director	BACCC BayCyber
Dan	Montoya		BACCC