"Digital Reskilling: An opportunity for employability and economic development in Greece"

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GLOBAL SHORTAGE OF E-SKILLS

- ✓ **By 2020 there will be more than 800,000 vacant jobs in Europe in the wide ICT sector (e-skills). Examples**
  - software, IoT, web and mobile application developers
  - data analysts
  - digital marketing analysts
- ✓ **A problem and opportunity for Greece**
  - a large pool of unemployed (25+%)
  - 650,000 are under 35 years old (50+% youth unemployment)
  - 20,000 STEM and Management graduates unemployed / year
  - highly ranked engineers/scientists (competencies, productivity, loyalty)
  - 60+ world ranked ICT research centers of excellence
  - 40+ University Departments in ICT with 5000+ graduates every year
- ✓ **A Study by AUEB/ALBA/HEPIS with the support of CEPIS (Mr Nicolaides the President)**

AN INTEGRATED POLICY WITH TEN ACTIONS (1/2)

- ✓ **Expansion and further utilization of ICT educational** infrastructure (especially at **secondary level)** aiming at motivating young people to learn **Programming** and New Technologies

- ✓ Promoting **best practices** (getcoding.gr, bootcamps) and **role models** aiming at **motivating and inspiring** young people to get in touch with programming and acquisition of digital skills

- ✓ Upgrade existing **ICT University courses** to focus on current and future digital jobs and skills (mobile software development, data sciences etc)

- ✓ Promote **complementary skills**: communication, presentation, collaboration, design, innovative thinning, sustainability, etc

- ✓ Encourage ICT related **vocational training and lifelong learning** with emphasis on **unemployed** STEM, Business and Liberal Arts graduates

AN INTEGRATED POLICY WITH TEN ACTIONS (2/2)

- ✓ Support initiatives that **match the labor market with ICT candidates** (interships, certified programs, matching intermediaries etc)

- ✓ Encourage **employers to invest in the digital upskilling** of their existing personnel

- ✓ Develop a **flexible working environment** (labor legislation, co-working spaces**) for freelancing and distance** working in application development

- ✓ Encourage the development of **domestic IT outsourcing vendor** industry, targeting **international clients**

- ✓ Create the necessary conditions **to attract foreign investments** from multinationals to establish local development or R&D Centers

Some Best practices at the Athens University of Economics and Business

YOUTH ENTREPRENEURSHIP SUMMER PROGRAM

ATHENS UNIVERSITY OF ECONOMICS AND BUSINESS DEPARTMENT OF MANAGEMENT SCIENCE & TECHNOLOGY

1° Coding Bootcamp
στο πλαίσιο του Europe CodeWeek.
#codeEU

ΟΙΚΟΝΟΜΙΚΟ ΠΑΝΕΠΙΣΤΗΜΙΟ ΑΘΗΝΩΝ — ATHENS UNIVERSITY OF ECONOMICS AND BUSINESS — ΤΜΗΜΑ ΔΙΟΙΚΗΤΙΚΗΣ ΕΠΙΣΤΗΜΗΣ & ΤΕΧΝΟΛΟΓΙΑΣ ΣΧΟΛΗ ΔΙΟΙΚΗΣΗΣ ΕΠΙΧΕΙΡΗΣΕΩΝ DEPARTMENT OF MANAGEMENT SCIENCE & TECHNOLOGY SCHOOL OF BUSINESS

Με την ευγενική υποστήριξη της:

Google

ΕΚΠΑΙΔΕΥΤΙΚΟ ΠΡΟΓΡΑΜΜΑ

Innovation & Design Thinking in Mobile Applications & Services

ΟΙΚΟΝΟΜΙΚΟ ΠΑΝΕΠΙΣΤΗΜΙΟ ΑΘΗΝΩΝ

Σε συνεργασία με:

ΣΕΚΕΕ
ΣΥΝΔΕΣΜΟΣ ΕΤΑΙΡΙΩΝ ΚΙΝΗΤΩΝ ΕΦΑΡΜΟΓΩΝ ΕΛΛΑΔΑΣ

SAMSUNG

INNOVATHENS

Diploma in Business Analytics

MSc in Business Analytics

MSc in Data Sciences

SAS joint Certificate on Business Intelligence and Data Mining

AN ALLIANCE FOR DIGITAL EMPLOYABILITY

- ✓ Αφετηρία το 2015 με τη Συμμαχία να «ιδρύεται» τον Ιούνιο 2016

- ✓ **Εθελοντική πρωτοβουλία** και υποστηρίζεται από αρκετές εταιρίες!

- ✓ Λειτουργεί ως «ομπρέλα» με στόχο να «**ηγηθεί» δια του παραδείγματος** και να **αγκαλιάσει αντίστοιχες δράσεις..**

- ✓ …για τη Μείωση της Ανεργίας στην Ελλάδα μέσω της επανιδείκευσης (re-skiling) στην Πληροφορική

    - ✓ **Σχέδιο Δράσης με 3 Πυλώνες**
- ✓ Ταχύρρυθμη Εκπαίδευση - Πιστοποίηση - Τοποθέτηση στην Αγορά Εργασίας

COMPANIES PARTICIPATING IN THE ALLIANCE

THE CODING BOOTCAMPS MODEL

✓ Self-Study Option + Πανεπιστήμια + **Bootcamps**

✓ 2011 – Σήμερα: **230+ παγκοσμίως**, Νέο Μοντέλο Εκπαίδευσης

✓ Η Ελλάδα Μένει Πίσω…

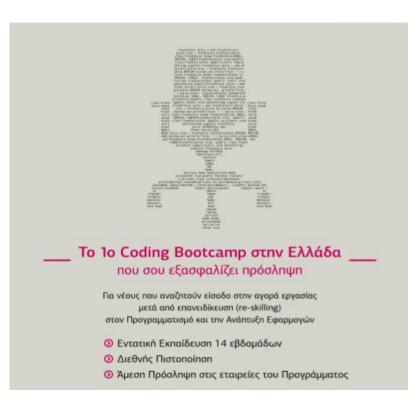✓ **#1st CB Greece:** Ένα πρωτοποριακό πρόγραμμα που βασίζεται στις καλύτερες παγκόσμιες πρακτικές

Coding Bootcamps

•8-15 εβδομάδες (ΜΟ 10.8 εβδ.)

•8 → 18 ώρες Εκπαίδευσης & Πρακτικής Άσκηση (projects)*

•Δίδακτρα $10-25k (av.$14k)

•90%+ Απασχολησιμότητα (90 μέρες)

•Μισθός $70-110k

*"Coding Dojo's curriculum is roughly divided into **10% lecture time and 90% build time**"

THE 1st CODING BOOTCAMP IN GREECE

✓ Η πρώτη δράση της Συμμαχίαςγια υψηλού επιπέδου προγραμματιστές

✓ Από το ΟΠΑ, τη CEPIS και τη HePIS

✓ Εκατοντάδες Αιτήσεις Ενδιαφερόμενων

✓ Δεκάδες Εταιρίες για Πρόσληψη και μέντορες για επαγγελματική ανάπτυξη

✓ 50 STEM άνεργοι εκπαιδεύονται σε πρόγραμμα 500 ωρών με πρακτικά projects και ανάπτυξη soft δεξιοτήτων

EXPECTED RESULTS FROM AN INTEGRATED DIGITAL STRATEGY IN 10 YEARS

- ✓ **5000 highly skillful core ICT graduates from Greek Universities /year**

- ✓ **15000 reskilled unemployed graduates in ICT and related skills /year**

- ✓ **20 top-quality reskilling intensive and certified training programmers**

- ✓ **100+ modern training and development centers (private and public)**
- ✓ **25+ co-working software development centers/parks**

- ✓ **500+ new ICT services/vendors companies with international orientation**

- ✓ **20 R&D and development centers by multinationals**

- ✓ **200,000 + new ICT jobs based in Greece**