

Jelalakjen ikijen Kampūtor im Aplikijen ko an ilo Jain ko an Baamle im Jikin Wia

Nina Roofe, PhD
Vice Bureejtōn im Rijibañ –
Jain ko an Baamle im Jikin Wia

Chris Lee
Opija eo ej Bōk Eddoin Melele

Diana Morian
Tūrektor eo an –
Jermal Kapeel ko

Karen DiCicco, PhD
Tūrektor Rijibañ eo –
Jermal Kapeel ko

*Arkansas ej
Kambōōj eo Ad*

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Meleleim im Kōmelele ko Mōkta lak

ChatGPT ej kwalok, “Jelalakjen ikijen Kampūtor, ak AI, āinwot jelalakjen eo an juon armej im ej walok ilo mijin, elaptata kampūtor ko. Jermal kein remaroñ koba ekatak, kwalok unin, uak būrooblem, ļōmnak, im melele kin kajin. AI emaroñ karōk ñan AI eo ediklok, eo emōj kōmmāne ñan juon jermal ejenolok, im AI eo ekkā kōjerbale, eo emaroñ kōmmāne jabdewōt jermal eo juon armej emaroñ kōmmāne. AI kein jermal ko emaroñ koba ekatak kin mijin, jermal ko ikijen kajin, kampūtor im robot” (ChatGPT, Jeptōmba 1, 2024).

Men ko jinion rekar walok im koneek ñan jelalakjen ikijen kampūtor rej pād ilo bwebwenato ko ikijen Greece, āinwot ļōmnak eo an Pygamolion ikijen an jermal māke kōmmāne im jekjek ko ikijen mechanic ilo Egypt im Greece (McCorduck, 2004). Raan ko jot emōj kakōlle ki ekoba:

- **1637:** Juon eo ear ekatak kin philosophy im jaintij Rene Descartes ear kwalok ke juon raan mijin ko renij ļōmnak im kōmman kelet ko.

- **1890:** Juon injinia jen Spain Leonardo Torres y Quevedo ekar kōmmāne mijin eo jinion ñan ikkure jakob (Brittanica, 2024).
- **1937:** H.G. Wells ear kwalok ke ta ko jabdewōt armej rej kememej emaroñ in nej walok ñan aolep.
- **1951:** Marvin Minsky im Dean Edmunds ear kōmmāne doulol eo jinion ikijen kampūtor ilo an kōjerbale 3000 vacuum tube ko.
- **1961:** Unimate, robot eo jinion tata, ear emakūt ilo juon General Motors lain in karōk.
- **1970 ko:** Takeo Kanade ear kōmmāne kein jermal ko rej kile mejan armej.
- **2011:** Apple ear jinoe Siri.
- **2011:** Watson jen IBM ear wiin jen ruo armej ro elap aer jella kin ikkure in Jeopardy.
- **2014:** Microsoft ear jinoe Cortana.
- **2022:** Chat GPT ej walok āinwot juon AI jikin jeje eo ear kōmman jen Open AI (Scharth, 2022; Thompson, 2022).

Jerbal ko ilo Jain ko an Baamle & Jikin Wia (FCS)

Jelalakjen ikijen Kampūtor (AI) jermal ko rej jermal ilo aolep FCS jikin ko āinwot kein jermal ñan kōmmāne jermal ko, ak aikuj in kakōl ñan an jab bōk jikin jermal ko an armej ilo FCS kin AI kein jermal ko. Kōmmāne jemdoon ko im koneek ippen client ro rej mottan FCS jermal ko, eo im ejelok app ak būrokraam in kampūtor emaroñ bōk jikin. Kajojo FCS jermal ko ewōr an AI waween jermal ko rejenolok im jikin ko rej jibañ kin jermal ko an rimalotlot ro. Ilo ijin ilal ewōr jot waanjoñak ko kin waween kōjerbale AI ilo FCS. Waanjoñak kein rej kwalok kin an loñ oktak in aplikijēn ko ilo FCS katak ko im rejjab ñan walok āinwot juon laajrak eo aitok kin aolep jermal ko an AI im rej koneek ippen FCS. Innem, AI ej bar kobaiki jermal ko rej kile AI-app in jeje ko.

Jermal in Kepooj Mōñā, Jermal ko ippān Armej & Jermal in Tourist

Rijermal ro rej jermal kin mōñā rej kōjerbale AI ilo iōk ko aer im ilo waween ko āinwot, bŭlāān mōñā, kōmman oktak ilo iōk, dān ko, etaale ta ko ñan jermal kaki, etaale joñan eman in im kōmman oktak ko im bar āinwot loore kakien ko an jikin kōmman mōñā eo. AI emaroñ kōmmāne iōk ko pedped ion joñan laajrak in kein iōk ko ippam ak ļōmnaak ko kwoj lelok ñan aplikijēn eo. Ijo ej kōmmāne jermal ko ippān armej ej kōjerbale AI ñan jermal ko, kōmman bwe en eman lak an armej ion e ta ko rej kōlla wonaan, kōmmāne pooj ko ilo aunlain im kadeldel kin tijain ko im kōmman pija jen kōmelele ko ikijen kajin. Jermal in tourist emōj an oktak jen bŭlāān im bōk tureep ñan lale melele ko ikijen itotak kin melele kāal ko im kōmman oktak ñan ta eo juon armej ej ion e.

Jelalakjen & Ekatak

FCS jelalakjen im ekatak obrak kin AI aplikijēn ko ñan jibañ jeje essay im kōmman kajimwe ñan e, botaab ejañin lukkun tobar waween an AI jermal ilo jekjek rot in. Software ko rej kōmman an armej bōk kunaer emaroñ jibañ etaale wōn ro rej māke konan jibañ, koba kabok rijermal, ippān doon, jikeduul, ekatak im lale koļanta ko im melele ko. Kōmman laajrak in kajitok im jikin kōmman kelet emaroñ jermal ilo kweiļok ko ilo armej ak aunlain im būrokraam ko. Kōmman katak ko, tobrak in

an juon armej bōk kunan im tobrak in būrokraam eo, edeklak ilo katak ko jen ro jot im aplikijēn ko remaroñ oktak ilo am kōjerbale AI jermal ko.

Mour an Baamle & Kapeel ko

Kōjbarok jen aer koote melele ko an juon armej im kōjjelā ikijen kamijak ko rej walok aunlain ej ruo ian waanjoñak in an AI maroñ kōjbarok armej jen ro remaroñ kakure er. Jermal ko jot an AI emaroñ koba koļanta ko an baamle ñan karōk jikeduul ko elap boub ie, app ko ñan jilkinlok kein kakememej im melele kāal ko ilo laajrak in wia im būrokraam ko rej kōjbarok jermal-mour.

Lale Jāān

Rijermal in FCS ro rej lale jāān rej kōjerbale AI ñan katakin client ro kin jāān, kadiklok muri, kōjerbale jāān, kōjbarok jāān, kōmman bwe en laplok jāān im etaale peejne. Jot ian AI jermal ko ekoba kein jikaan receipt, kein etaale ta ko kwar kōjerbale jāān ñan e, aunlain app in bank, calculator in kolla muri im tebōl ko ñan jibañ client kōmman kelet ko rejimwe kin jāān.

Jain in Mōñā & Ta ko Kwoj Mōñā

Rijermal ro elap aer jella kin Mōñā im rimalotlot ro rejella kin jain in mōñā rej kōjerbale AI kein jermal ko ilo eloñ waween. AI ej etaale ta kor ej eddek, ej lale ta emaroñ bōk jikin kanniek, bŭlāān menu ko, kōmmāne ien etaale mōñā ko im kadiklok an wōr kobej in mōñā. Ej jermal ilo jikriin i ro ejabwe aer mōñā, kwalok ta enij walok elikin takto, kwalok an kar juon maroñ kōjerbale uno ko rekajur, lale joñan an juon bōk mōñā ko im kōmman kajimwe ilo joñan an juon mōñā ilowaan juon juon takto.

Lale Ejmour & Eṃman in

Jikin jermal ko, jikin wia, im rijermal ro rej kōjerbale AI ñan jibañ lale ejmour im kōttōpar ko ikijen debij an eman. Jikin jermal ko rej kōjerbale aplikijēn in jelalakjen kin kampūtor ñan jibañ kin ekatak im edeklak, jelalakjen im aplikijēn ñan ien kenono ko kin ejmour im rejenolok ñan juon māke. Jikin wia ko rej kōjerbale kapeel kein aolep raan ñan lale joñan aer etetal, joñan aitok in aer kar etetal ak baijokol im joñan jukwa ilo bōtōktōk in enbwinnier. Ejmour im rijermal ro rej kōjerbale AI ñan an eman lak aer etaale X-ray ko ik pija ko jot.

Jikin Jokwe & Karōk in Lowaan Juon Em

Software ko rej bōk jibañ jen kampūtor im būrokraam ko emōj aer jerbal ñan kōmman tijain in kadelel im jikin jokwe. Āinwot an kein jerbal ko wanmaanlok, aplikijen ko emōj aer kōmman ñan kōmmane wonaan burojaak ko im mejatoto im ro rej kōmman tijain ñan an tobrak an wōr Pepa in Kamol kin aer ekatak kin Tōl ikijen Jarom & Karōk in Mejatoto (LEED). Waanjoñak ko jot ekoba software ko nan kōmman karōk, bŭlāān in ekkaḷ im kwalok ḷōmnak.

Mottan ko, Nuknuk & Wia Kake

Kōmman mweiuk jen mottan ko im rijerbal ro rej kōjerbale aplikijen ko rej bōk jibañ jen AI ñan kōmmane jekjek in 3-D ñe rej kōmman tijain. Waanjoñak ko jot kin waween an rijerbal ro ilo maroñ kōjerbale AI software koba waween kōjerbale kotton, lale jikin kallip ko, tijain in mwon wia im ukōte jiñña ko ilo pepa ñan 3-D pija ko.

Ta Melelein Ñan Io?

- Aini melele ko im kōmman kelet ko.** Āinwot aolep kain ko kwoj kōjerbale āinwot juon riwia, jella im kōmman kelet ko rej tobar aikuḷ ko am im an baamle eo am. Ekkā am maroñ kōjerbale AI platform ko ejelok wonaan im app ko mōkta jen am kelet in kōjerbale juon eo ewōr wonaan. Riit naan ko ikijen an armej kar kōjerbale platform eo ak app im ta eo rej ḷōmnak ej men ko remman ak jab eman kake.
- Kalikkar jimwe in waween kōjerbale AI.** Ej melelein kōjerbale ak lukkun lale jimwe in melele ko. Ilo waanjoñak, komaroñ kōjerbale AI ñan jinoe juon essay ak kamol ta ko kobban im lale elukkun ke jimwe melele ko ñan eok māke. Elikin am likit etam ie, kwoj bōk eddo in aolep naan ko ilo pepa eo. Innem, bar lale ta ko kwoj likit ilo am kajitok ippān AI im jab kōjerbale melele ko aer māke āinwot social security nōmba.
- Ñan kalikkar ke AI ej loore burinjibol in jerbal ko.** Burinjibol in jerbal ko FCS rijerbal ro rej loore ej kwalok kin katak ko ewōr kamol ñan e ilo jeje im ainikien. Eñin ej unin ad maroñ leke melele jen Jerbal ko Relablok (CES). Melele ko jen opij eo an bukwōn eo am ej itok jen rikatak ro ilo Arkansas university ko im Rijerbal in FCS rej kōjerbale ekatak ko rej pedped ion-kein kamol. Kobalak, burinjibol in jerbal ko rej kwalok kin

waween an jerbal AI ñe ej kōmman būrokraam in jelalakjen. Ej rube code kein ñan kōjerbale AI bwe en kōmmane jabdewōt ilo an ejelok kein kamol ke ejimwe melele ko. Bōk ta eo ej kōmman jen AI āinwot juon boin in jinoe buro- jraak in, lale joñan jimwe eo an ñan melele ko ewōr aer kein kamol im cite ia ko melele ko rej itok jen i ej kwalok ke FCS rijerbal ro rej jerbal ilowaan burinjibol in jimwe ko ñan jerbal eo aer. Jella menin ej kwalok ñan loblej ke FCS rijerbal ro rej kōjbarok loblej im kwalok wōt ekatak ko ewōrkein kamol ñan e ilo aolep būrokraam im waween tobar doon. ḷōmnak kin laajrak in waween jerbal kein.

Men eo Aurok

Jelalakjen kin kampūtor ebwe an aitok an pādīm elaplok kōjerbale ilo aolep field ko, koba FCS. Aolep jikin ko ilo FCS rej kōjerbale AI bwe en eman lak aer jerbal. Ta eo juon armej ej kōmmane, kalok jemdoon ko im kōmman waween an koneek

BURINJIBOL IN JERBAL	BURINJIBOL/JEKJEK
Doulol in Jain ko an Baamle & Jikin Wia ilo Amedka (AAFCS) (Roubanis, 2016)	Jimwe: Ro uwaan AAFCS rej ḷōmnak im jerbal ilo waween ko remol im jimwe. Rej kōmman kelet ko remman im jab kenono ak kwalok melele ko rejjab jimwe. Lap Jelalakjen kin Jerbal: Ro uwaan AAFCS rej lale bwe en jimwe jerbal ko aer ilo doulol ko rej koneek ippeir.
Jikuul in Ekatak kin Mōñā & Ta ko Rekkar ñan Enbwin (AND) (COE, 2024)	Lap Jelalakjen kin Jerbal im laplok am jella kin jerbal jen wōt katak (Nonmaleficence): Rijerbal ro ikijen Mōñā im rejella kin ta eo ekar ñan enbwin rej kōjerbale juon waween eo ewōr kein kamol ie kin jelalakjen, wanmaanlok wōt ilo eddeklak im kalaplok joñan jella im kile joñak ko. Kōmman kelet ko rej pedped ion kein kamol, bōk ñan akkaun joñan aurok im jekjek in juon rinañinmej/ client im jukjukin pād, kobalak ippen joñan an takto jella im ḷōmnak ko an.

eo im elap an FCS jella, im ejjab bōk jikin jen app im būrokraam in kampūtor ko.

la ko Melele Kein rej Itok Jen i

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Buriin jen University eo an Arkansas Jerbal ko Relaplok ikijen Buriin.

NINA ROOFE ej juon vice bureejton in jibañ ikijen Jain ko an Baamle im Jikin Wia. CHRIS LEE ej juon opija eo iloñ ej etaale melele. DIANA MORIAN ej juon turektor in melele ko ikijen kapeel ko. KAREN DICICCO ej bar juon turektor in melele ko ikijen kapeel ko. Aolep rej ippañ University eo an Arkansas Doulol eo an Jikin Ekkajet, Little Rock.

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Kōmmane ilo an kalaplok Jerbal ko, Jen Mae 8 im Juun 30, 1914, koba ippen U.S. Rā eo an Jikin Ekkaet, Turektor, Jerbal ko Relablok, University eo an Arkansas. University of Arkansas Doulol eo an Jikin Ekkajet ej lelok aolep būrokraam im jermal ko an ikijen Katak ilo an ejelok kaljeklak kin ia eo juon ej itok jen e, kolar, ñe emaan ak kora, waween an kwalok e märke, ia eo baamle eo an rej itok jen e, kabuñ, yiiö, nañinmej, jekjek ikijen pälele, melele kinjuonmärke, ak jekjek in kōjbarok, im Jerbal eo Alikkar/Jikin Jerbal eo Ejelok Kaljeklak ej Walok le.