Dylan E. Moore

dylan.e.moore.th@dartmouth.edu | www.dylanedwardmoore.com

EDUCATION

Dartmouth College, NH   2021 - (Expected) 2025
Ph.D in Innovation
Advisor: Elizabeth Murnane
focus: Human-Computer Interaction

Stanford University, CA   2012 - 2018
M.S. in Computer Science (GPA 3.8) and B.S. in Computer Science (GPA 3.6)

PUBLICATIONS

2022	**Student-made education benefits everyone... and it scales! Introducing scaffolding for a learnersourced approach to narrative-based educational game development**
	First author, submitted to CHI 2023

2022	**CityComposer: A learning tool to teach computer science through urban planning scenarios**
	First author, submitted to CHI 2023

INDUSTRY EXPERIENCE

2021	**Software Engineer at YouTube (Google)**
	Paid Digital Goods Team
	Implemented the "Super Thanks" feature
	TypeScript, C++

2018 - 2021	**Software Engineer at Lark Health**
	Mobile Team
	Full stack, UX research, and hiring responsibilities
	Migrated native codebases to React Native
	Implemented microservices
	TypeScript, functional programming, React Native, Node.js, Python, Android, Objective-C

2016	**Software Engineering Intern at Google**
	AdWords Team
	Designed and implemented Ad Extensions
	Dart, Angular

2015	**Software Engineering Intern at Google**
	Knowledge Graph Team
	Extended Data pipeline for Google OneBox
	Java, C++

2014	**Software Engineering Intern at PayPal**
	Core Payments Team
	Designed and implemented metrics dashboard
	JavaScript, Python

2011	**Shop Intern at Makani Power (Google X)**
	Helped manufacture high altitude wind turbines and self-guided kites
	Solidworks, CNC mills, Waterjet

Research

2021	**Designer at AbilityHacks**
	Helped prototype solutions to disability-related challenges

2018	**Researcher at Stanford self driving cars UX**
	Under Dr. Elizabeth Murnane
	Designed in-car environments that spark creativity and delight

2017	**Researcher at Stanford Smart Primer project**
	Under Professor James Landay
	Made Storytelling-based education technology

2013	**Researcher at Stanford archaeology fieldwork in Peru**
	Helped excavate a 2,500+ year old temple in Chavín de Huántar

2017	**Researcher at Stanford anthropology fieldwork in Ecuador**
	Interviewed members of Quechua and Waorani tribes
	Explored impacts, scalability, and sustainability of ecotourism

2012	**Researcher at the 100L Water Project (Stanford Change Labs)**
	Helped design a rain catchment system for deployment in rural India

Teaching and mentorship

	Workshop leader at TUMO (designed and taught high school courses)
2022	Building educational games for teaching AI (Berlin and Yerevan)
2020	Interactive storytelling with chatbots storytelling and chatbots (remote)
2019	AI topics: minimax, neural networks, and style transfer (Beirut and Yerevan)

2021	**U.C. Berkeley Fung Fellowship for Entrepreneurship and Innovation Program Mentor**
	Formed a partnership with AbilityHacks

2020	**Mentor with Stanford CS + Social Good**
	Formed a partnership with Lark Health

2021	**Curriculum Planning Advisor to TUMO's Self-Learning Initiative**

2017	**Teaching Assistant at Stanford**
	Courses taught (Ten quarters in total):
	Code in Place: *A public offering of CS106A during COVID-19*
	CS181: *Computers, Ethics, and Public Policy*
	CS147: *Introduction to Human Computer Interaction Design*
	CS221: *(Graduate Level) Artificial Intelligence*
	CS109: *Probability for Computer Scientists*
	CS106B: *Programming Abstraction*
	CS106A: *Programming Methodology*

Leadership

2012 - 2018	**Co-Founder & Member of the Stanford Competitive Running Club**
2015	**Class President at Stanford** Elected by student body to create campus wide events and manage class funds
2014	**Business Association of Stanford Entrepreneurial Students E-Challenge Coordinator** Planned a startup competition with $150k in prizes

Awards and Honors

2022	**Dartmouth Guarini School Alumni Research Award**
2021	**Dartmouth CompX Faculty Grant**
2021	**Dartmouth Innovation Fellowship**
2021	**Armenian Professional Society Scholarship Award**
2017	**Stanford's Teaching Honors Award**
2012	**Eagle Scout**
2011	**Third Place in Physics and Astronomy, Intel International Science and Engineering Fair**