

Zack Khan

University of Maryland, Quest Product Design Honors Program
BS Computer Science | 3.7 GPA | Exp. Spring 2019

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Experience

Kleiner Perkins (KPCB) Engineering Fellow, Handshake | Ruby, JS/React May – Aug 2018
Software Engineering Intern / Engineering Fellow San Francisco, CA

- Selected (50 / 3000+) for fellowship providing mentorship and access to high growth startups
- Led development of referral program, personalized recommendations and revamped login flow on growth team of recruiting startup Handshake, backed by Kleiner Perkins and Lightspeed.
- Increased student account activations by over 10,000 with estimated 200,000 by end of fall

University of Maryland Computer Science Department | Python Jan- May 2018
Student Facilitator (Machine/Reinforcement Learning) College Park, MD

- Taught accredited Reinforcement Learning (ML) course, created content & lectured (cmssc389f.umd.edu)

Zoomdata | JavaScript/React, Java/Spring May – Aug 2017
Software Engineering Intern Reston, VA

- Enhanced major features such as calculations on rows of data, filtering data by time, and addressed security issues for latest release of big data analytics platform (main app team)
- Developed advanced number formatter for storing and representing variations of number data

UMD Institute for Advanced Computer Studies | Python (Numpy, Theano) Jan - May 2017
Deep Learning Researcher College Park, MD

- Cultivated datasets and trained deep learning model to estimate results of gene expression data for studies that use varying microarray technologies ("platforms") on NCBI GEO Database

Activities

Bitcamp | Co-Executive Director Jan 2017 – May 2018

- Lead all operations (ex: logistics, sponsorship, design, networking) of the country's largest east coast hackathon, bringing together 1300+ attendees annually
- Manage \$195,000 budget, team of over 50 students and over 40 company sponsors

Contrary Capital | Venture Partner Dec 2017 - Present

- Work with local entrepreneurs to build out their businesses and connect to venture funding
- Organize entrepreneurial events such as a speaker series, office hours and dinner discussions

Startup Shell | Member Dec 2016 - Present

- Organize weekly forums & coding/entrepreneurial events in incubator with >\$30M total value

Projects

Kodactive

- Founded startup creating programmable toys to teach students CS. Funded by CG Ventures
- Designed intuitive drag drop interface to program cars and cranes via Bluetooth (Android)

AlexaGram | Alexa skill connected to Node JS backend using AWS Lambda, AWS IoT, Socket.IO

- Created a holographic virtual assistant using Pepper Ghost Illusion and Amazon Alexa

VirtuArt | Unity 3D engine, C#, UNet (Multiplayer), Oculus Rift

- Designed multiplayer virtual reality app to create live 3D artwork for the Phillips Collection museum

Awards

John D Gannon Scholarship - Exemplary CS Research (2017)

1st Place - HopHacks (Kodactive) (2016), Capital One SWE Summit Hackathon (2017)

2nd Place - UMD FishBowl Entrepreneurship Competition (Kodactive) (2017)

3rd Place - PennApps (Augmented Reality App), Andreessen Horowitz Hackathon (Alexagram) (2017)

Technologies: Java(Spring, Android), JavaScript (Typescript, React, Node), Python, C, Ruby(Rails), AWS