

Dylan Hong



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Education

2015 - Present

Tufts University
School of Engineering

Major: Human Factors Engineering BS
Minor: Entrepreneurial Leadership Studies

Technical Skills

Video Production 
FCPX, Scripting, Directing

Programming 
C++, Javascript, HTML, R


CAD Design 
Inventor, AutoCAD, 3ds Max

UI/UX Design 
Sketch, Illustrator, Figma

Usability Testing 
CITI Certified

Professional Skills

Presentations 
Slideshows, Public Speaking

Project Management 
Scoping, Communications

Marketing 
Inbound, Strategy, Branding

Awards/Achievements

Spring 2016 - 2019
Deans List: Tufts University School of Engineering

Summer 2015
Featured in PBS interview for promoting STEM education
<https://youtu.be/8AIB9Kolsks>

Spring 2015
Featured in In The Zona for Mind-Reading Project
<http://inthezona.com/dylan-hong-takes-on-the-impossible/>

Spring 2014 - Spring 2015
FIRST Robotics President for Phoenix Country Day School

Work Experience

2022- Present

Sr. Product Strategist
PTC

Project management, validation activities, and UX design. Create actionable requirements and fantastic user experiences from high level project visions. Collaborate with UI/UX designers, product management, and development to solve complex problems. Facilitate scoping sessions, design sprints, and documentation for novel research topics.

Summer 2019 - 2022

Sr. Product Designer
PTC

Design sprints, rapid prototyping, and usability testing. Built, from the ground up, Digital Performance Management (DPM). DPM is a new solution designed to capture and identify bottlenecks in a manufacturing process. \$10+ Million in the first year.

DPM:
<https://www.ptc.com/en/products/digital-performance-management>

Summer 2017 - 2019

Augmented Reality Engineer
PTC

Developed augmented reality experiences using JS and Vuforia Studio. Designed and built a mixed-reality configuration for viewing VR experiences from a 3rd person view for increased efficiency in usability testing and development.

Mixed Reality Project: <https://youtu.be/1lz0akgqhS8>

Summer 2013 - Summer 2015

Robotics Teacher
PCDS Summer Programs

Developed curriculum for Lego Robotics and Boe-Bots. Taught fundamental skills in programming for ages 6-12.

Other Interests



Dylan Hong Tech
[YouTube.com/c/DylanHongTech](https://www.youtube.com/c/DylanHongTech)

Applying entrepreneurial passion, experience with business-to-business communications, and media/marketing experience, the channel has surpassed 4K subscribers and 1 million views.

Hobbies

Rock Climbing, Cinematography, Photography, Video Games