

Skye Kychenthal

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EDUCATION

Reed College, Portland, Oregon

2022 - 2026

Peddie School, Hightstown, New Jersey

2018 - 2022

SKILLS

Technical Skills

- FullStack Development
- Server Maintenance & UNIX CLI; APIs, MongoDB, SQL
- GameDev: Unity, Godot, Proc. Gen, A*
- DataSci: Python, NumPy
- Adobe Suite (Photoshop, Lightroom, Illustrator, Premier Pro), Final Cut Pro

Soft Skills

- Public Speaking; Presenting; Video Creation; Teaching
- Writing/Research: Script-writing, Academic literature
- Problem Solving & The Design Process: Definine, Brainstorm, Prototype, Design, Execute

EXPERIENCE

Peddie School

- FIRST Robotics Team **FRC 5895**: Design, Assembly, Electrical, Scouting 2019 - 2021
- Peddie School Spectrum/GSA Leader & All Gender Housing Pilot Program Prefect 2021, 2022
- Peddie School Computer Science Club: Core Member, Hackathon Organizer, Webmaster 2019 - 2022
- Peddie School Stage Crew (*She Kills Monsters*, *The Wolves*, *Willy Wonka*) 2019, 2020, 2021
- Peddie School *War of The Worlds* Radio Production (Announcer) 2021

Reed College

- Reed College YDSA: Public Speaking, Social Media & Graphic Design, Photography 2022
Public speaker, graphic designer, and photographer at Reed YDSA October 6, 2022 abortion rally

Academia

- GUII Lab Intern @ University California Santa Cruz Summer 2021
Summer intern working on cognitive modeling of player behaviors in the competitive video game DOTA2. Part of the CITRIS funded project *Endowing an AI with Theory of Mind using cognitive modeling* at UCSC's GUII Lab.

Independent

- Lockhead.nl: Indie Game Studio; Defunct 2020
- Education & Entertainment on YouTube (**SkyMocha** → 1500+ followers) 2017 - present
From 2017 - 2020 a primary channel focus was on creating programming tutorials garnering a total of 1,000 subscribers and a total of 400,000 channel views. From 2020 - present, the channel's focus has been on entertainment and educational content with a focus on the intersection between sociological topics, computer science, and trans humor.
- Education & Entertainment on TikTok (**SkyMochi64** → 700+ followers) 2022 - present

AWARDS

Peddie School, Hightstown, New Jersey

- Honorable Mention, Geiger Reeves Speaking Contest 2021 & 2022
- Named Scholar, C.V. Starr Scholarship Fund 2019, 2020, 2021

Rippowam Cisca School, Bedford, New York

- Ann Thatcher Faculty Award of Distinction 2018
- Silver Key in Poetry ("One Less Life") for Scholastic Art and Writing Awards 2016
- First Place ("One Less Life") for Bedford Public Library 2015

PROJECTS & PUBLICATIONS

- **Fight Club's Incel To Exploitable Chad Pipeline** *January 2022 – October 2022*

A self-led project, with initial advising from Dr. Ami Shah of the Peddie School's English department, with contributions from Abriana Fergesun, Reed Turner, Doran Penner, and Eli McKinzie. Started as a high-school senior thesis, this project explores *Fight Club*: the movie by David Fincher and the book by Chuck Phalanick; dissecting it, then using it as a lens of analysis for the 2016 presidential campaign of Donald Trump, primarily focusing on the aspects of micro-targeting incels and other manosphere communities by Cambridge Analytica outlined in the memoir *Mindf*ck* by Christopher Wylie. Through drawing parallels between fiction and the real world, conclusions can be made about the populist rhetoric and ideology used by both Tyler Durden in *Fight Club* and by Donald Trump. This project culminated in a 13,000 word script, with over 30 citations, and a 1½ hour long YouTube video documentary on the SkyMocha YouTube channel.

- **Why The Trans Programmer?** (IEEE ISEC 2022) *December 2021 - April 2022*

A self-led project to explore the in-group idea of trans-feminine individuals disproportionately entering computer science education & fields. Preliminary data suggests this is a plausible trend, yet no research has been done into exactly why. As computer science education is integral to working in computer science fields, a simple research survey was conducted on the r/transprogrammer subreddit to gather data on 138 trans people's experiences with computer science.

This project consists of a 45 minute documentary-style YouTube video on the SkyMocha YouTube channel alongside a 5 page paper pending archival into IEEE Xplore after presentation at the *IEEE Integrated STEM Education Conference* in Princeton, NJ in March 2022. Currently available through ArXiv preprint servers arXiv:2205.01553.