

Skye Kychenthal

skychenthal@gmail.com



EDUCATION

Peddie School, Hightstown, New Jersey

2018 - 2022

Relevant Coursework: Computer Science (4 years); Engineering Design I & II; Algebra I through Calculus; Chemistry, Biology, Physics, AP Psychology; Speech & Debate I & II.

Reed College, Portland, Oregon

2022 - 2026

SKILLS

Technical Skills

- FullStack: Node.js, JavaScript, NPM CSS (CSS, Bootstrap, Foundation), HTML5, Discord.js
- Server Maintenance (Node, Apache2, Ubuntu/UNIX)
- APIs (creation and usage), MongoDB, SQL
- C#, Unity, Godot, A*, Procedural Generation
- Python, Flask, NumPy/Pandas Data Processing
- Java, Processing, LibGDX
- C++, SDL2
- ASM 6502
- Photoshop, Illustrator, Premier, Final Cut Pro

Soft Skills

- Video creation; Public Speaking; Presentations
- Leadership; Community Management; Organize, Administer, Teach
- Published blogs & short stories
- Problem Solve & Design Process: Define, Research, Brainstorm, Prototype, Design, Create

EXPERIENCE

Peddie School

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

Academia

- GUI Lab Intern @ University California Santa Cruz Summer 2021

Independant

- Education & Entertainment on YouTube ([SkyMocha](#) → 1300+ followers) 2017 - present
- Community Management (Discord → 500+ members) 2017 - present
- Lockhead.nl: Indie Game Studio; Defunct 2020

AWARDS

Peddie School, Hightstown, New Jersey

- Named Scholar, C.V. Starr Scholarship Fund 2019, 2020, 2021

Rippowam Cisca School, Bedford, New York

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

PUBLICATIONS

- "Why The Trans Programmer?" March 2022
IEEE Integrated STEM Education Conference, Princeton, New Jersey