Skye Kychenthal

GitHub: https://github.com/SkyMocha
Website: https://skymocha.net/
Email: 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: Definine, 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
> GUII 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 Cisqua School, Bedford, New York
> Ann Thatcher Faculty Award of Distinction   *2018*
Scholastic Art & Writing Awards
> First Place ("One Last Life")   *2015*
> Silver Key in Poetry ("One Last Life")   *2016*

PUBLICATIONS

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