



Stars Of Cassiopeia

Cosplayer // Designer // Engineer // Educator

Bio

Hi, I'm Cass, and I've been a maker since 2007. I love mixing technical with traditional, combining my professional experience as an engineer with a love of historical design and traditional fabric craft. Whether I'm making armor or ballgowns, I love challenging myself with multi-material techniques and complex detailing: and teaching others those skills too!

Social Media

@starsofcassiopeia

7600+ followers
180.0K+ likes

@starsofcassiopeia

3000+ followers
500+ total posts

@starscassiopeia

1600+ followers

@starsofcassiopeia

850+ followers

@starsofcassiopeia#1793

Moderator of Creative Block, a 200+ person cosplay craftsmanship server

Professional Design Experience

3D Printing Industry Expert – Formlabs [2017-2021]; Studio 3e8 [2024-present]

Formlabs designs & builds plastic 3D printers; 3e8 develops metal 3D printers in a desktop form factor. Formlabs: developing print process (making the machine repeatedly produce quality parts) & developing new materials, both for resin (SLA) & powder (SLS) printing.

3e8: Cofounder. We're developing a patentable new metal printing technology at an accessible price point!

Bachelors of Engineering Sciences – Harvard College

Studied biomechanical engineering with a focus on mechanical design for wearable technologies. Major research projects include stretch sensor gloves to trigger actuators for motion, and fabric pressure sensors.

Machine Shop Experience [2013-present]

Knowledge of a variety of manufacturing techniques, such as: 3D printing, milling/CNC, lathe, laser cutter, thermoforming, molding/casting, 3D modeling (Solidworks, Fusion 360, Onshape), electronics, general power tools.



Partnerships & Sponsorships

Official Content Creator – Genshin Impact

Monthly social media content creation across various platforms.



Cofounder, Head of Maker Strategy– Cosmosii

Half of the team designing Cosmosii.com, a new platform connecting cosplayers with commissioners, and helping commissioners run their businesses. Run social media, staff trade show booths, communicate with other makers.

cosmosii



Brand Promoter – Turbodork

Promotional content creation & product testing.

Awards [Chronological] // Guesting & Judging Experience

2nd Masters – Anime Boston, Performance [2024]

Finalist – Singer Sewing Co. Contest [2020]

Best Journeyman – FanExpo Boston [2019]

Judges' Award – Cosplay America [2019]

Best of Class Performance – PortCon [2018]

Jimmy Beans "Beans for Brains" – National Winner, Sewing [2013]

Honorable Mention Novice – Katsucon [2009]

FanExpo Boston '22 – Guest

- Castle Point '22 – Guest, Craftsmanship & Performance Judge

- RIT Snowfest '23 – Guest, Craftsmanship & Performance Judge

- Anime Boston '23 – Guest, Craftsmanship Judge

- Wicked Comic Con '23 – Guest

- Tekko '23 – Guest, Performance Judge

FanExpo Boston Masters of Cosplay Qualifier '23 – Performance & Craft Judge

Puchicon '23 – Guest, Craft & Performance Judge

Another Anime Con '24 – Guest, Craftsmanship & Performance Judge

Anime Milwaukee '25 – Guest, Featured Cosplay Educator

Teaching & Panel Offerings

Instructor: Intro to Making @ MIT (Course 2.351)



Introductory course for students looking to learn machine shop skills. Covers general prototyping, to include: 3D printing, laser cutting, foam smithing, electronics/Arduino, and soft goods prototyping. Soft Goods curriculum developed by me.

- Before You Build: A Guide to Smarter Cosplay Design
- Yes You CAD: Intro to 3D Modeling for Cosplay
- From 2D to 3D: Advanced Manufacturing Techniques
- Blades, Triggers, & Bows: Weapons Handling for Cosplay
- Making Mass Manufactured Cosplay Uniquely Yours

... and more! (see full offering on website)



The largest community of cosplay commissioners online!

By cosplayers, for cosplayers:

a platform designed to help commission makers better run their costume & prop making businesses.



Convention Booths:

- Showcases 140+ Makers!
- See real life examples of commissioned work!
- Meet the founding team!

Convention Programming:

- Panel: "Commissioning: A Seamless Process w/Team Cosmosii"
- Maker & fan meetup hosting!



As seen in:



cosmosii.com

