

# Nick Piegari

Developer and polymath communicator

## CONTACT

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## SKILLS

- Python
- HTML / CSS / JavaScript
- Django, Flask
- WordPress
- Arduino C
- Git / GitHub
- Adobe Premiere, Photoshop, Illustrator, After Effects, Rush
- Microsoft VS Code
- Ableton Live, Apple Logic, electronic music production
- Apple Keynote, Pages, Numbers
- Autodesk 3ds max
- Open Broadcaster Studio, livestreaming technology
- Linux server administration

## PROJECTS

### LIVESTREAM PRODUCER

#### Nick's Mad Science

November 2019 – Present  
twitch.tv/nickmadscience

### CONTENT MANAGER / FOUNDER

#### Fixing Your Video!

March 2014 – June 2018  
Fixingyourvideo.com

## PROFESSIONAL SUMMARY

Front end web and Python developer with 15+ years of experience in video production and motion graphics design.

## PROFESSIONAL EXPERIENCE

### WEB DEVELOPER AND CONSULTANT

#### National Institutes of Health (consultant) – June 2023 - Present

- Confluence-to-Drupal converter – Built tools for converting an entire site developed in Confluence CMS to Drupal. Worked with stakeholders to relaunch the NICHD Newsletter and Fellows websites in this fashion
- NICHD Annual Report Builder – Automated the process of painstakingly converting a collection of XML files into a website by taking advantage of Flask's templating features
- NHGRI PRS Study – Built "Avatar", a mock telemedicine app made in Flask that's capable of recording user behavior for research purposes
- OPA Dashboard – Building a dashboard to show connections between grants, publications, and patents

#### Biovisualization LLC (consultant) – 2020 - Present

- The ARI, "Clusters" app – Quick-turning a Django app for visualizing hypothetical ways of organizing the NIH
- Mosquito Bucket Brigade – Building a Flask app for keeping track of all logistical aspects of mosquito bucket maintenance

#### Twilio (consultant) – 2020 - 2021

- Worked with developer evangelists and Champions to create a dynamically-updated schedule overlay for SIGNAL, Twilio's annual conference. Currently a Twilio Champion and Twilio Voice!

### VIDEO MARKETING CONSULTANT AND PRODUCER

2018 – 2022

- **Twilio:** Produced three explainer videos educating developers on key coding concepts within an ongoing series, planned topics, content, and themes, researched topics, and wrote scripts
- **Ten Percent Happier** (meditation guides), **Stacking The Bricks** (business-building): Provided technical consultation for livestreaming, including research, scene design and talent coaching
- **Brafton** (content marketing agency): Edited video and designed graphics for Brafton's clients, including Shibumi, uStudio, Atlas Van Lines, First American, Comerica, and internal marketing