

# NATHAN R. WEBER

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## EDUCATION

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**Georgia Institute of Technology**, Atlanta Georgia **GPA: 3.5/4.0** August 2020-May 2024  
**Bachelor of Science in Computational Media**  
Minor in Music Technology

## EXPERIENCE

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**Anuncia Medical**, Scottsdale, AZ May 2022 - August 2022  
*Research and Development Intern*

- Independently designed a mobile app in AdobeXD for 5K patients to log medical device usage and symptoms
- Developed use case scenarios and documents to meet strict FDA regulations
- Created 3D images in Adobe Photoshop of new product used in presentation at National Conference: HA Connect
- Updated images and logos used in website and official documents

**Arthromeda**, Lowell, MA May 2022 – August 2022  
*Research and Development Intern*

- Created various software requirement documents for 510K submission
- Developed use case scenarios and documents to meet strict FDA regulations
- Created protocol and tasks for Human Factors testing of new Exchange Software

## LEADERSHIP

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**Phi Kappa Theta Fraternity** 2021-Present

- Leader of Judicial Committee
- Resolve disciplinary matters among members

**Georgia Tech Honors Program Living Learning Community** 2020-Present

- Leader of Community Development Committee
- Organize monthly events and lead bi-weekly committee meetings

**How Big is Your Dream?** May 2022

- Led and produced 3D animation project for underprivileged kids

## SKILLS

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**Python/Java:** Intermediate skill level

**HTML/CSS:** Basic skill level

**Pure Data:** Developed Schroeder reverberator using all pass and comb filters with microphone input, designed ambient generative patch inspired by videogame *Subnautica*, created polyphonic FM synthesizer with multiple timbre presets

**MAX MSP:** Created delay and wah pedal for live guitar performance, designed patch to take in data from webcam to control audio playback

**Pro Tools/Reaper/FL Studio:** Recorded and mixed multiple projects

**Adobe Creative Suite:** Photoshop/Illustrator/Premiere Pro/XD/Animate