


DANNY WOODFORD

CONTACT

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 New York, NY

MY WEBSITE

dannywoodforddev.web.app

EDUCATION

May 2015

Mechanical Engineering

Rowan University, Glassboro, NJ

December 2019

Full-Stack Software Engineering

Flatiron School, New York, NY

SKILLS

- JavaScript / Typescript
- React
- React-Three-Fiber / Three.js
- R3F Ecosystem
- Theatre.js / Zappara
- Blender
- GLTF Optimization
- GLSL
- WebGL
- CSS / SASS
- HTML / Twig
- Sketch / Photoshop
- Postman
- Cypress

EXPERIENCE

March 2022 - February 2023

3D Developer / 3D Artist

Rocket Communications, Inc., (Remote) San Francisco, CA

- Centered efforts during tenure on the Space ACME project featuring a 3D visualization tool built for the Space Force; strived to help train Satellite Operators as a part of this endeavor
- Tasked as the singular 3D Developer within the project. First re-building the rough three.js prototype they had with react-three-fiber to allow for scalability and increased componentization for code dependability
- Then built out project deliverables such as real-time sun position, accurate state vector plotting/interpolation for positioning satellites, and other elements featured on the "Projects" section of my personal website

June 2020 - March 2022

3D Javascript Developer

Brandgag, (In-Person) Pittsburgh, PA

- Developed and maintained three.js experiences for top pharmaceutical companies. Upgrading content as needed using JavaScript and CSS based off design team specifications
- Developed interactive virtual booth games for the web, VR/AR experiences used during in-person and virtual trade shows, along with other notable projects
- Partnered with a small team of Developers and a Design Team to ensure adherence to client needs and deadlines, often working concurrently on up to four different projects at a time

May 2018 - August 2019

Sub-contractor / Carpenter

NJRAS Group, Freehold, NJ

- Revitalized residential properties from demolition to finalization, adhering stringently to project plans while managing 4-5 builders

June 2018 - Present

UI Developer

Freelance

- Developed responsive client websites based on their stated needs and preferences using JavaScript, CSS, PHP, and WordPress
- Called on creativity and an inventive nature to ensure quality final products