

ROBERT NEFF

🏠 nefrob.github.io [in](#) [rob-neff](#)

EXPERIENCE

Software Engineer – Full Stack

Tilt

📅 Nov 2021 – Present 📍 Colorado Springs, CO

- Built out company integrations to sync data bidirectionally between platforms efficiently and accurately.
- Migrated legacy database models, services and endpoints from NodeJS to Django and Django REST Framework.
- Worked on improving development environment tools and automation along with Docker and GitHub Actions.
- Revised employee pay calculations to correctly apply benefits, wages and FMLA items across complex pay schedules.

Student Project Mentor – Remote Python, C# & Unity lessons

Curious Cardinals

📅 Feb 2021 – May 2022 📍 Colorado Springs, CO

- Coached and tutored gifted middle school to college freshman students in project development and execution via weekly live video instruction.
- Designed interactive education sessions to teach programming basics and game design fundamentals.

Athlete – All Around Gymnast (all six men's events)

USA Gymnastics

📅 2011 – 2022 📍 Colorado Springs, CO

- Full-time athlete who competed globally each year, recently at US Olympic Trials for Tokyo 2020.
- Constructed comprehensive training plans to maximize skill progression.
- Exerted extreme attention to details and discipline in training, recovery, and nutrition.
- Received constructive feedback about performance and adjusted as needed.
- Demonstrated task focus through consistent competitive results in high pressure situations.

Teaching Assistant – CS 146: Introduction to Game Design and Development

Stanford University

📅 Sep – Dec 2018 📍 Stanford, CA

- Created introductory tutorials on Unity Game Engine and C# for first time users.

HELLO

Software engineer and recently retired professional gymnast passionate about digging in to tricky problems, automating everyday tasks for developers and prototyping. I have experience building endpoints with Django/DRF, frontend components with React/Typescript and migrating/deprecating legacy code. I want to delve deeper into Alice and Bob, TCP/IP and concurrency - there is always more to learn!

LANGUAGES

Python

Django/DRF

Typescript

React

PostgreSQL

Docker

Git

Professional proficiency German

EDUCATION

Stanford University

M.S. Computer Science

📅 2019

B.S. Computer Science

📅 2018

General Assembly

Certificate React Development

📅 2021

HONORS & AWARDS

US Junior & Senior National Team Member

📅 2013-2014, 2017, 2019-2022

Pan American Games 3x Silver Medalist, Taipei World University Games Competitor

📅 2017, 2019

Stanford Men's Div. I Gymnastics Scholarship Athlete

📅 2015 – 2018

6x NCAA All-American including 2x National Champion titles on Horizontal Bar

📅 2015 – 2018

- Advised student groups on video game topics spanning 2D/3D Art, Audio, User Interfaces, Production, Narrative Design, Marketing, and Publishing.
 - Served as Corporate Relations Liaison between students and industry mentors.
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Software Engineer Intern – Pokémon Go & Ingress Prime

Niantic Inc.

📅 Jun – Sep 2018 📍 Sunnyvale, CA

- Assisted in implementing client-side point-of-interest submissions in Pokémon Go and Ingress Prime using C# and Unity.
- Wrote Android native plugins for Unity.
- Developed feature for Korean and Brazilian user launches during internship.
- Supported Scrum-based development sprints and launch cycle for new capability introduction.

Nissan-Emery Award Finalist (annual recognition to nation's top men's gymnast)

📅 2018

NCAA Post-Graduate Scholarship Recipient

📅 2018