

# Jared Peters

<https://jrddp.me>

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Software Engineer with a wide variety of experience specialized in full-stack web development with React, Next.js, and TypeScript. A self-starter who's always ready for a new challenge and people to learn from. I've been programming for over 7 years and have reached over 10,000 people with my software.

— | [jrddp.me](https://jrddp.me) | [github.com/jrddp](https://github.com/jrddp) | [linkedin.com/in/jrddp](https://linkedin.com/in/jrddp) | [x.com/jrddp0](https://x.com/jrddp0) | —

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## PROFESSIONAL EXPERIENCE

### Software Engineer at Plyance (Feb 2024-Aug 2024) | Full Time

- Led software development for a small team at a fast-paced, passionate startup.
- Successfully developed fullstack analytics dashboard with a complex frontend and dynamic backend, pulling from multiple data sources.
- Successfully migrated the full system from a Flask/Jinja tech stack to NextJS/React, drastically improving long-term development speeds.

### Robotics Intern at Komatsu (May 2023-Aug 2023) | Full Time

- Developed ML data-preprocessing systems in C++ and Python for use in products worth over \$1,000,000.
- Implemented convolutional neural networks for unique multi-dimensional vision tasks using Pytorch.

### Web Developer at Dinifi Inc. (May 2023-Aug 2023) | Contract

- Co-led development for a full-stack Proof of Concept using Python/Flask, HTML and JavaScript.
- Applied deep research and experimentation with prompt engineering and dynamically guiding LLMs.

### Software Engineering Intern at RE2 Robotics (Jun 2021-May 2022) | Full Time

- Wrote production-grade Python and C++ with OpenCV to analyze data for 5-figure equipment decisions.
- Refined, documented, and performed calibration process for advanced stereo camera systems.
- Assisted in development part-time during the school year after high satisfaction with my work.

## EDUCATION

### University of Pittsburgh (Aug 2020-May 2024)

- B.S. in Computer Science with specializations in Mathematics and Music Theory
- Summa Cum Laude | 4.0 GPA (Departmental)
- Active member of Pitt's Computer Science Club and frequent participant in school-hosted hackathons.

## PROJECTS

**TagSurfer** | Supercharged frontend development in VSCode | [jrddp.me/TagSurfer](https://jrddp.me/TagSurfer)

**The Magic Pen** | CV-powered pen hardware you can make at home | [jrddp.me/MagicPen](https://jrddp.me/MagicPen)

**AFKTape** | Minecraft automation tool with over 9,000 users | [jrddp.me/AFKTape](https://jrddp.me/AFKTape)

**Leet-CLI** | CLI tool for tracking and scheduling LeetCode problems | [jrddp.me/leet-cli](https://jrddp.me/leet-cli)

## SKILLS

**Web Development:** React | NextJS | TypeScript | JavaScript | HTML | CSS | Tailwind | Flask | AWS | Vercel

**Programming & ML:** Python | OpenCV | Pytorch | C++ | Java | Unity

**Design Tools:** Figma | Blender | Photoshop | Pixelmator Pro

## AWARDS

**University of Pittsburgh Big Idea Competition 2024** | 4th Place (*Plyance*)

**Kuzneski Innovation Cup 2022** | Semi-finalist (*MedAid*)

**SteelHacks 2022 Hackathon** | 4th Place (*DungeonGPT*)

**CSCHacks 2021 Hackathon** | 1st Place (*The Magic Pen*)