



Andrei Roman

Full Stack Web Dev

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(614) 495-6405

github.com/urbandre1

SKILLS

Languages: JavaScript, TypeScript, HTML, CSS, Python

Frameworks: ReactJS, NodeJS, Express, MongoDB, Bootstrap

OS / IDEs: Unix / VIM, Windows / Visual Studio

OBJECTIVES

Seeking a software engineering role where I can use my development experience and robust quantitative skill set to contribute to innovative projects and cutting-edge solutions.

PROJECTS

Capstone Project @ github.com/urbandre1/PokeQuestions Jan 2023 - Apr 2023

- Parsed public API into a local SQL database of 50,000 entries for efficient data retrieval.
- Implemented a JavaScript backend that made data searches 30% more efficient.

Twitch Bot @ github.com/urbandre1/original-twitch-bot Nov 2022 - May 2023

- Developed a chatbot for a streamer, with 30+ commands used by 100+ monthly users.
- Maintained the application, resolving bugs and introducing new features regularly.
- Secured the app against SQL injection exploits in response to attack threats.

OSU Hackathon @ replit.com/urbandre1/LazyCalendar Oct 2022

- Developed a calendar utility tool with vanilla Javascript in under 24 hours.
- Engineered a multilayered KNN algorithm to find patterns in timestamped GPS data.
- Tested with a semi-random dataset of 4,000 entries, found patterns with 100% accuracy.

WORK EXPERIENCE

Software Development Intern @ Hikma Pharmaceutical Jun 2021 - Aug 2021

- Debugged Visual Basic codebase used for pharmaceutical batch documentation.
- Implemented 3 changes with internal documentation for legal compliance.
- Contributed to an internal search tool that would help factory workers navigate software.

Founder, Lead Game Designer @ Riffle Square Cut Oct 2019 - Present

- Founded and maintained LLC for 4 years, keeping with local laws and regulations
- Developed and manufactured board games, securing 3 manufacturers globally.
- Improved game over 4 iterations, with a strong focus on accessibility and quality.
- Secured 5 local shops for retail placement, selling out of initial soft runs of 350 copies.

General Salesman (Networking) @ Micro Center Dec 2019 - Sep 2021

- Provided tailored solutions for customer IT needs, specialized in networking equipment.
- Maintained ~100% customer satisfaction rating, at the top of the department.

Freelance Graphic Designer @ Fiverr Jul 2018 - Jun 2019

- Delivered 12 impactful logo designs for small businesses, earning a stellar 5-star rating.

EDUCATION

Ohio State University

- Bachelor of Science in Computer Science: Artificial Intelligence May 2023
- Bachelor of Science in Mathematics: Abstract Mathematics May 2023

Honors

- Ohio State University Maximus Scholar 2018 - 2023
- Rasor-Bareis-Gordon OSU Mathematics Competition - Honorable Mention 2018