

CALVIN RISTAD

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EDUCATION

RUTGERS UNIVERSITY

B.S. Computer Science

Junior | Major GPA: 3.9 | GPA: 3.8

New Brunswick, NJ

Fall 2021 - Spring 2025

EXPERIENCE

ONCH4IN GAMES

Co-Founder and Software Developer

Princeton, NJ (Remote)

Fall 2021 - Present

- Created and developed *LLCGame.io*, a real-time multiplayer browser game with a decentralized cryptocurrency exchange - secured over \$20,000 in grant funding and launched the game using this funding
- Developed and launched *Hellhound.dog*, a cryptocurrency yield aggregator with a reflection-based vault system
- Represented the company in several Q&A events with companies including *Polygon Technology* and *Arbitrum*

VARIETYSPLASH PRODUCTIONS

Software Engineering Intern

Remote

Summer 2023

- Worked with an international team of developers to create a crime mapping mobile app
- Created a scalable high performance web crawler with an integrated GUI using Electron.js

MIXED REALITY LABORATORY

Research Intern

Chicago, IL (Remote)

Summer 2020

- Supported the design of a virtual-reality device designed to improve medical school training
- Redesigned the graphical simulation within Unity using C#, significantly improving efficiency

PROJECTS

CENTIPEDES GAMES

Fall 2017 - Present

- Created, developed, and launched 14 different browser games including *Shotwars.io* and *Mineparkour.club*, generating over \$15,000 revenue in total
- Sold games portal website *Insanegames.io* for over \$10,000

AUTHOR2VEC

Fall 2023

- Authorship detection system based around stylometry and sentence vectorization, achieving 86% classification accuracy, which outperformed both statistical methods and transformer text classification

ROCKET.JS

Spring 2019 - Fall 2020

- Developed rocket flight simulator for multi-stage, clustered, and air-launched rockets
- Verified against real-world rocket flights to have less than 4% error by altitude

ACTIVITIES

DELTA CHI FRATERNITY - RUTGERS CHAPTER

Spring 2023 - Present

- In charge of maintaining the safety of events, aid in the organization's community service projects

RUTGERS SAILING TEAM

Fall 2021 - Spring 2022

- Practiced for and participated in regatta sailing competitions for the university

SKILLS

Strengths: Quick Learning, Problem-Solving, Collaboration, Code Maintainability/Usability

Proficient In: Solidity, React, Next.js, Three.js, Node.js, Python, Java, C#, SQL, Git, Linux CLI, Tailwind.css, AWS Amplify, Google Cloud, Tensorflow, Pytorch, OpenCV, Express, Flask, Unity, REST APIs, .NET

ABOUT ME

- I love swimming; I regularly swim, I used to work as a lifeguard, and I was nationally ranked in high school
- One of my hobbies is working on mechanical calculation devices, such as slide rules and Addiators
- My ideal Friday night is hanging out with my friends and playing video games