Nick Lang

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EXPERIENCE

GOLISANO COLLEGE OF COMPUTING & INFORMATION SCIENCES | Full Stack Engineer
Jan 2025 – May 2025 | Rochester, NY
- Developed a full-stack web application using the React framework and a SQL backend to host student led projects from within the Rochester Institute of Technology.
- Worked in an Agile environment with a team of 5 to implement front-end design tokens and a RESTful back-end API.
- Created the dashboard, individual profile and projects pages, projects dashboard, and settings page.

ROCHESTER INSTITUTE OF TECHNOLOGY ITS | Service Desk Representative
Oct 2022 – Dec 2024 | Rochester, NY
- Interacted with clients to assess their problems and implement a solution in an efficient, friendly manner.
- Managed user accounts and permissions while also providing prelimenary troubleshooting for work and personal devices.
- Documented all customer interactions using ServiceNow while maintaining a database of Knowledge Articles for common issues.
- Escalated problems as needed to higher-level teams for further assistance.

PASCACK VALLEY REGIONAL HIGH SCHOOL DISTRICT | Information Technology Summer Intern
Jun 2019 – Aug 2021 | Montvale, NJ
- Prepared workstations and laptops for future use by incoming students.
- Maintained network closets, projectors, phones, and Apple TVs, ensuring all equipment was in proper shape for the academic year.
- Assisted in implementing the front-end for the school district's alumni registry.

PROJECTS

IGNITE-BOOST.NET REVAMP | Personal Project
Jun 2025 – Present | River Vale, NJ
- Recreation of **ignite-boost.net**, a full-stack web application using a MongoDB back-end to create a fighting game replay database.
- Redesigning front-end using Angular Material and TailwindCSS for responsive components while matching the visual identity of the game said website exists for.

INTERNET SCAVENGER HUNT | Class Project for Rich Media Web Application Development II
Nov 2024 – Dec 2024 | Rochester, NY
- Developed **Internet Scavenger Hunt**, a web application designed to create and host scavenger hunts of different websites that users can join and compete in.
- Utilizes a MongoDB back-end and a React with Bootstrap front-end to manage logins and create, manage, and participate in, scavenger hunts.

EDUCATION

ROCHESTER INSTITUTE OF TECHNOLOGY
Bachelor of Science in Game Design & Development
Graduated May 2025 | Rochester, NY

SKILLS

PROGRAMMING
8+ years:
Java • JavaScript • HTML • CSS • PHP • SQL • Bootstrap
3+ years:
C# • C/C++ • Axure • Node.js
2+ years:
React • Angular • Express.js • MongoDB • TailwindCSS • Vue • Next.js • Python
1+ years:
Spring.js • Redis • Jest • Figma • Jasmine

TECHNOLOGY
Git/Github • WordPress • Amazon Web Services (AWS) • MySQL • Jira • Visual Studio Code • Windows • Microsoft Office Suite • Adobe Suite • ServiceNow

COURSEWORK

UNDERGRADUATE
Rich Media Web Application Development II (React/Node.js)
Experience Design Games & Media (UI/UX)
Rich Media Web Application Development I (JavaScript)
Data Structures & Algorithms for Games & Simulations II (C#)
Foundation of Game Graphics Programming (C++)
Game Design & Development II (C#)

CERTIFICATIONS

Atlassian Agile Project Management Professional (Scrum/Jira)

LINKS

Github (Academic):// **nll5171**
Github (Personal):// **GaryButternubs**
LinkedIn:// **nick-lang**
Website:// **nll5171.github.io**

EXTRACURRICULARS

RIT FIGHTING GAME CLUB | President
May 2023 – Dec 2024 | Rochester, NY

- Responsible for organizing and running three weekly double-elimination brackets for fighting games voted on by club members.
- Managed budget allocations for new equipment and developed fundraising events to do so.
- Communicated with Challonge API to allocate points based on bracket performance which were then stored in a SQL database.
- Maintained website using Bootstrap front-end hosted on Amazon Web Services (AWS). The bracket placements are pulled from the SQL database into sortable tables, organized by game and semester.

FRC TEAM 1676: THE PASCACK PI-ONEERS | Information Technology Subdivision
Sep 2017 – Jun 2021 | Montvale, NJ

- Led subdivision during 2020 - 2021 season, handling migration of team website from Drupal to WordPress for greater ease of use.
- Assisted in the development of the Scouting Web application, designed to record data about other teams during competitions to form alliances. Utilized a PHP backend to communicate with a SQL database.
- Developed Calendar page with Google Calendar integration for Awning, a scrapped web application for stress management. Users could create and manage events on Awning that would sync with Google Calendar.

AWARDS

AP SCHOLAR
Nov 2020
Given to an individual that has scored a 3 or higher on three or more advanced placement exams.

YOU ARE A STAR AWARD
May 2018
Given to a student who exemplifies an outstanding attitude toward his education, exhibits good citizenship both inside and outside the educational setting, and models a caring attitude towards others.

PRESIDENT VOLUNTEER SERVICE AWARD - BRONZE LEVEL
Nov 2017
Received for recognition and appreciation for commitment to strengthening our nation and communities through volunteer service.