Nathaniel R. W. Bachelder

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EDUCATION:

Rochester Institute of Technology (RIT), Rochester, NY   **Expected May 2024**
Bachelor of Science, Computing and Information Technologies   **GPA: 3.67**

Recipient: Dean's List Spring 2020 – Spring 2022

PROJECTS:

For more, see people.rit.edu/nrw4912 and github.com/codenate02.

"Werdul" Word Game   **November 2022**
- Employed Angular and TypeScript to develop Wordle–esque word guessing game.

Nate's Pokedex   **October 2022**
- Designed and coded React web app that queries the Pokemon RESTful Interface (PokeAPI) to display information on different Pokemon.

C# iSchool Web App, Client Programming   **April 2022**
- Created multi–page .NET web app that obtains and presents information supplied by a RESTful API

Modular PHP Site, Web and Mobile Development II   **November 2021**
- Collaborated with team members to develop informational site on web development utilizing HTML, JavaScript, and CSS.
- Utilized PHP to retrieve page contents from SQL server.

Packet Capture Analyzer, Task Automation   **June 2021**
- Utilizing Python, created a script to analyze Wireshark captures and compute network statistics.

D&D Stat Tracker, Computer Problem Solving   **March–June 2020**
- Contributed Java code to both front– and back–end of automatically updating Dungeons and Dragons statistic tracker and chat featuring client/server communications.

WORK EXPERIENCE:

LSI Solutions   **August 2022 – Present**
IT Development Co-Op   Victor, NY
- Improve company efficiency by developing web applications for internal use.
- Digitized New Hire & Position Change forms by devising form management web–app using React and NoSQL.
- Recognized for timely completion of assigned projects.

Burr and Burton Academy   **June 2018 – August 2019, Summers 2020–2021**
IT Department Intern   Manchester, VT
- Lessened load of senior IT department members by triaging incoming IT–related issues, questions, and requests.
- Ensured prompt and reliable response to support requests through the use of Zendesk ticketing system.

SKILLS:

General
- Problem Solving
- Fast Learning
- Creativity
- Strong Work Ethic

Language
- CSS – Proficient
- HTML –Proficient
- JavaScript – Proficient
- React – Proficient
- TypeScript – Proficient
- Java – Intermediate
- JQuery – Intermediate
- MySQL – Intermediate
- Python – Intermediate
- Angular – Beginner
- Bash – Beginner
- C# – Beginner
- PHP – Some Experience

Operating System
- Windows – Advanced
  - XP
  - Vista
  - 7–11
- MacOS – Intermediate
- Linux – Beginner
  - RHEL
  - Ubuntu
  - CentOS 7 / 8

Misc.
- Source Control (Git)
- Microsoft Office Suite
- Google Suite
- Visual Studio
- Visual Studio Code