Nicole Haraj

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WORK EXPERIENCE

Softheon, Inc.   Sept. 2021 – Sept. 2022
Junior Systems Administrator   Stony Brook, NY

- Procure, manage, and deploy Ubuntu, RHEL, and Windows servers with Hyper-V.
- Manage Docker Engine and Docker Desktop on Azure, Ubuntu servers, and developer workstations.
- Work alongside software engineering team to configure server redundancy with RabbitMQ to ensure large-scale production availability.
- Automate administrative tasks with PowerShell and Python, utilizing various APIs with Postman.
- Plan, coordinate, and deploy Windows 11 upgrade program to 300+ workstations.
- Manage administration and security access of 250+ users with Active Directory and Azure Active Directory.
- Create, design, format, and distribute company-wide communications.
- Produce daily report to notify product, development, and security teams of infrastructure health.

EDUCATION

University of California, Irvine – *Division of Continuing Education*   Sept. 2022 – Present
Certificate of Full Stack Web Development (in progress)   Irvine, CA

- **Coursework**: Web Programming, JavaScript, Advanced React, Server-Side Development

Stony Brook University   Aug. 2016 – Dec. 2020
Bachelor of Science in Information Systems   Stony Brook, NY

- **Coursework**: Data Structures, Database Design, Computer Networks, Scripting Languages
- **Honors**: Dean's List (2017, 2019, 2020)

PROJECTS

User Achievement Discord Bot

- Used Rust, Serenity library for Discord API, and DynamoDB to create, manage, and store user statistics and achievements.
- Interactive bot with user-driven event handling features.
- Packaged with Docker and hosted on AWS Fargate.

React Notes

- Used TypeScript and MongoDB to create a full-stack note-taking application.
- Allows users to create, modify, and delete (CRUD) markdown-supported notes with filterable tags.
- Built using the Next.js React framework and hosted on Vercel.

SKILLS

Languages: TypeScript, PowerShell, Python, Rust
Tools & Frameworks: DynamoDB, MongoDB, Express, React, Node.js, Next.js, Git

INTERESTS

Automation, UI design, music composition, digital art