Stella La Vallee

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EDUCATION

University of New Hampshire - Durham, NH   **December 2025**
Bachelor's of Science: Information Technology   *GPA - 3.87*

- Minor: Native American and Indigenous Studies
- Internship at the UNH InterOperability Lab as a Wireless Test Technician
- Relevant Coursework: Project Management for IT, Network/Systems Administration, Database Technology, Network Technology, Integrative Programming, Data Science + Analysis, and Intermediate Web Design
- Dean's List - Highest Honors: Spring 2024, Fall 2024, Spring 2025. High Honors: Fall 2023,
- Senior Capstone project - Palmer Gas & Oil Visual Graphs and Insights
  - o Developed a user interface containing graphs and charts that process and display propane usage data, thermostat data, and temperature data to customers.
  - o Front-end technologies included TypeScript, Node.js, KendoUI. Back-end technologies included .NET, C#, and SQL server. Utilized Azure DevOps and Git/GitLab.

University of Adelaide - Adelaide, South Australia   **February 2023 - July 2023**

- Study Abroad Semester

University of Vermont - Burlington, VT   **January 2022 - July 2023**

WORK EXPERIENCE

UNH InterOperability Lab - Durham, NH January 2024 - Present *Wireless (and DSL) Test Technician* - 2025 IOL Student Leadership Scholarship winner

- Conducted wireless testing such as roaming, failure tolerance, and TR-398 testing on wireless devices
- Conducted DSL testing such as TR-249, TR-115, etc.
- Achieved certification of course completion in the following **Cisco** courses: **Basic Networking**, **Network Addressing and Basic Troubleshooting**, and **Networking Devices and Initial Configuration**
- Programmed automation with **Visual Basic** for new wireless tests, including views to display data
- Refactored code for old wireless test automations into a new system
- Drafted and wrote wireless test plans and procedures for new tests, and updated old test procedures
- Communicated with vendors via email and in-person about testing and devices
- Learned various wireless technologies such as **Wireshark** packet capture, network configuration, and device configuration
- Engaged in software development and use of software development tools such as **Git**, **Jira**, and **Bitbucket**
- Collaborated with a team of other interns, staff, and managers to achieve goals such as implementing a new test automation, composing a test plan, and creating a new testing technology
- Wrote a wireless testing blog for the IOL website, advertising new Internet of Things test plan
- Trained new interns/students to use the codebase, testing software, wireless technologies, and programming language
- Engaged in hands-on collaboration with vendor representatives to debug and test devices
- Created internal documentation for technologies, devices, and database structure
- Researched on different wireless technologies, IEEE 802.11 standards, Internet of Things devices, etc.

Apple Hill Farm - Concord, NH   **June 2019 - August 2023**
Farm Store Retail Worker (seasonal)

- Assisted customers with purchasing and deciding what to purchase, exercised great customer service skills

SKILLS

Software: Git/GitLab, Visual Studio, Jira, Bitbucket, Confluence, Azure DevOps, Wireshark, MySQL Workbench
Computer Languages: Python, .NET Framework (Visual Basic, C#), JavaScript/TypeScript, HTML, CSS, XAML