

Bryce Davis

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SUMMARY

Motivated Computer Science senior with diverse experience in data science, application development, and IT operations. Recently engineered a fullstack R Shiny simulation tool for ecological research at SUNY Oneonta. Complements development expertise with a robust background in technical support and network troubleshooting. Adept at resolving complex hardware/software issues and leveraging technical skills to solve data-driven problems.

EXPERIENCE

Desktop Support Technician

State University of New York at Oneonta

November 2022 - Present, Oneonta, NY

- Responded to user inquiries and resolved technical issues related to hardware, software, and network connectivity for university staff and students.
- Assisted executives and their assistants with training on IT systems and other relevant technologies.
- Provided comprehensive technical support for over 6,000 university staff and students across Windows 10/11 and macOS environments.
- Managed network connectivity troubleshooting, including Cisco VPN access.
- Imaged Windows 10/11 & macOS(Sequoia) laptops and desktops across campus while handling windows driver malfunctions.
- Installed, configured, and maintained campus AV equipment, including cameras and microphones.
- Handled software issues using remote software (Bomgar).
- Developed familiarity with Active Directory and Azure environments through close communication and collaboration with supervisors.
- Installed, configured, and maintained software and hardware on client computers across campus.
- Documented all support tickets and maintained accurate records of client interactions in the IT service management system (TeamDynamix and ServiceNow)

Data Science Intern

SUNY Oneonta (Biological Sciences Dept.)

August 2025 - Present, Oneonta, NY

- Developed a full-stack R Shiny web application to simulate and visualize complex anadromous fish population dynamics for the 'anadrofis' research project.
- Engineered a reactive user interface using the bslib library, allowing biologists to dynamically test dam passage scenarios and visualize population trends in real-time.
- Implemented a "Custom Habitat" feature that parses user-uploaded CSV datasets, enabling researchers to run hypothesis testing on theoretical river systems.
- Designed a statistical summary dashboard that automatically calculates and reports key metrics (mean abundance, population trends, survival rates) to support decision-making.

Election Technology Support (Independent Contractor)

KnowInk

July 2025 - August 2025, New York, NY

- Deployed and maintained KnowInk Poll Pads (iPad-based electronic poll books) and Bluetooth printers across assigned voting sites.
- Provided real-time technical support to poll workers during early voting and Election Day operations.
- Diagnosed and resolved on-site hardware/software issues including Wi-Fi, device syncing, and printer pairing.
- Used the ePulse backend to monitor device status and ensure synchronization.

Fraud Monitor

TruView BSI, LLC

May 2025 - August 2025, New York, NY

- Audited defensive driving courses to ensure compliance with state and company regulations.
- Verified participant identity and attendance, reporting suspicious or fraudulent behavior.
- Submitted detailed, timely compliance reports and documented findings accurately.
- Operated independently in both in-person and remote environments with strong attention to detail.

IT Infrastructure & Digital Systems Intern

Boston Road Building Materials

April 2025 - August 2025, Bronx, NY

- Redesigned and implemented a comprehensive network infrastructure, improving connectivity and security.
- Supported a full website overhaul, enhancing user experience and visual layout.
- Optimized SMS and email marketing campaigns, increasing customer engagement and outreach effectiveness.
- Delivered IT support and contributed to internal systems improvements to support scalability.

IT Intern

Permentech

April 2025 - May 2025, New York, NY

- Managed and revamped the company website using WordPress, resolving technical bugs and creating new service pages to improve marketing reach.
- Oversaw the company's digital radio channel, responsible for editing audio files and managing broadcast schedules.

PROJECT

Movie App

- Developed a web application utilizing the TMDB API to provide users with detailed information about searched movies, including plot summaries, release dates, and cover images.
- Implemented efficient asynchronous API calls and JSON data handling to ensure a seamless user experience.

Anadromous Fish Simulator

- Built an interactive simulation tool for the 'anadromfish' R package, featuring custom data uploads, interactive time-series plots, and automated CSV reporting.
- Key Technologies: R, Shiny, ggplot2, bslib, Reactive Programming.

Tic-Tac-Toe Game

- Developed a classic Tic-Tac-Toe game using Python and the Tkinter library, featuring a two-player mode with real-time win detection logic.
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EDUCATION

Bachelor Of Science, Computer Science

Minor in Mathematics • SUNY Oneonta • Oneonta, NY • 05/2026 • 3.02

CERTIFICATIONS

CompTIA A+ Certification

SKILLS

- HTML/CSS
- JavaScript
- Python
- R
- Pascal
- C++
- Frameworks & Libraries: Bulma, Shiny, ggplot2, bslib
- Rest APIs
- Data Visualization
- Simulation modeling

APIS
