# Riley Richard

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## PROFESSIONAL EXPERIENCE

**Acushnet Company |** *Extrusion / Autojig Operator* – New Bedford, MA       **Oct. 2024 – Present**
- Operate and maintain extrusion machinery and automated jigging systems in a high-volume production environment.
- Perform setup, calibration, and troubleshooting of equipment to meet production specifications.
- Monitor product quality and adjust machine parameters as needed to ensure compliance with engineering and quality standards.
- Applied problem-solving, attention to detail, and technical aptitude to maintain efficiency and prevent downtime.

**Best Buy |** *Customer Experience Specialist* – North Dartmouth, MA       **Feb. 2022 – Jan. 2025**
- Provided personalized assistance to customers, ensuring a positive in-store experience.
- Recommended products and services aligned with individual needs.
- Processed sales, returns, and exchanges efficiently to maintain satisfaction.
- Expanded technical knowledge through hands-on troubleshooting of consumer electronics and computer systems.

**Diman Regional Vocational Technical High School |** *Scrum Master* – Fall River, MA       **Sep. 2021 – Jun. 2022**
- Led a 10-member team to deliver game development projects on schedule.
- Applied Scrum framework to manage sprints and optimize workflow.
- Mentored team members on workload prioritization and Agile best practices.
- Developed VR applications using Unity, C#, GitHub, and Oculus Quest SDK.

## EDUCATION

**University of Massachusetts Dartmouth – Dartmouth, MA**       **Expected Graduation 2027**
Bachelor of Science, Computer Science (Software Engineering Concentration)       **Cumulative GPA: 3.440 / 4.0**

**Diman Regional Vocational Technical High School – Fall River, MA**       **Graduated 2022**
Concentrated in Computer Programming and Web Design       **Cumulative GPA: 3.6 / 4.0**

## TECHNICAL SKILLS

**Languages:** Java, C++, C, C#, Python, JavaScript, TypeScript, Swift, HTML/CSS, SQL, Shell Scripting
**Frameworks & Tools:** AWS, ReactJS, Node.js, Gradle, Maven, Spring, Fabric, Unity, Tkinter, Swing, Google ZXing, GitHub
**Databases & Storage:** MariaDB, MySQL, PostgreSQL
**Virtualization & Networking:** Proxmox, Docker, Linux Server Administration, IP Routing, Network Monitoring, Pi-hole
**Other Skills**: Agile/Scrum, CI/CD, Unit Testing, Code Documentation, Problem-Solving, System Automation

## PERSONAL PROJECTS

Mercury Homelab – Virtualization and Network Management – *Blueberry Technologies – 2025*
- Designed and currently managing a personal homelab hosting websites and game servers.
- Utilize Proxmox to deploy multiple VMs and prepare for additional virtualized services.
- Maintain Linux server infrastructure, networking, and DNS, gaining experience with system administration and virtualization.

**Mango** – Python (Tkinter) – *Blueberry Technologies – 2024*
- Built a secure password generator with configurable character length, exclusions, and clipboard functionality.
- Implemented input validation and used time-seeding for unique, randomized, and secure password generation.

**Kiwi** – Java (Swing, Google ZXing) – *Blueberry Technologies – 2023*
- Developed a cross-platform printing application supporting text, code, and images.
- Built a modular, fully-commented Java Swing UI with selectable printers, custom storage paths, and live code previews.
- Managed version control, bug fixes, and feature updates for cross-platform compatibility.

**Blueberry Technologies** – https://blueberry.dev – Open-Source Software Initiative – *2020*
- Founded and currently maintain an initiative promoting free and accessible software development.
- Oversaw multiple personal and collaborative projects, including desktop apps, Python utilities, and Minecraft mods.
- Coordinated project management, version control, and code documentation to ensure maintainability and community contributions.