

## Ashton T. Hannon

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### EDUCATION

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#### University at Buffalo

*Bachelor of Science, Computer Science | GPA: 3.5 - Magna Cum Laude*

**University at Buffalo, Buffalo, NY 14260**

*AUG. 2020 – MAY. 2024*

### PROFFESIONAL EXPERIENCE

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#### Valmar Holdings

**6400 Sheridan Dr. Suite 120, Williamsville, NY 14221**

*Software Engineer*

*JUN. 2024 – PRESENT*

- Pioneered and lead development efforts for AWS (Lambda, S3, RDS, DynamoDB) native server-less payment processing software.
- Revolutionized industry methods of eCheck transaction processing with a custom C# driver and integrations with DigitalCheck scanner APIs.
- Created full stack (React, Go, AWS) platform responsible for movement of millions weekly through different transaction channels.
- Integrated with third-party OPN and Shazam APIs to provide support for Real-Time Payment (RTP) and Push2Card (P2C) transaction channels.
- Developed robust packet-driven TSYS Sierra integration (Go, AWS) to support movement of funds via debit card.
- Supported infrastructure and office operations through technical system administration (SysAdmin) and hardware support as direct stand-in to Chief Information Security Office (CISO).
- Lead efforts to achieve both SOC2 and PCI compliance for the company.

#### LCI-AE.COM LLC

**5651 Main St., Williamsville, NY 14221**

*Full Stack Engineer (Contractor)*

*MAY 2022 – MAR. 2024*

- Spearheaded development of new full stack (React, Django, Docker, MSSQL Server) application for member management of local union clientele.
- Introduced Agile and SCRUM methodologies processes to system operations and development efforts.
- Worked closely alongside customers, managing client requests and maintaining strong, positive business relations.

### PROJECTS

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#### Wi-Fi Based Localization

*JAN. 2022 – JUNE 2022*

*Kotlin, MQTT, Docker, MapBox, Android Studio*

- Managed a team of 5 students to develop MLMap mobile application.
- Leveraged WiFi based localization and mapping techniques to route users to rooms throughout buildings on campus.

#### RCC eCheck Processing

*JUNE 2024 – MAR. 2026*

*C#, Go, Java, AWS, DynamoDB, S3, Lambda, React*

- Optimized hours-long eCheck transaction process by programmatically creating X937 files for printing and scanning.
- Enabled company to process thousands of checks daily in an efficient and effective manner.

### Technical Skills

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- **Languages:** Go, TypeScript/JavaScript, React, TailwindCSS, HTML, CSS, PHP, SQL, PostgreSQL, Docker, Django, NGINX, MSSQL Server, SvelteKit, Rust, C#, C, AWS Lambda, S3, Aurora, DynamoDB, SAM, RDS, EC2, ECS, CloudWatch, CloudFormation
- **Technologies:** Waterfall, Agile, SCRUM, Jira, Kanban, Trello, Microsoft Office, Azure, Entra, Intune, Google Workspaces, Virtual Machines, Linux, Encryption, Git, GitHub, Windows, Mac, NPM, Vite, Claude Code, Codex, ChatGPT, Copilot