

Samuel V. Hagen

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WORK EXPERIENCE

Application Developer Internship, Westinghouse Electric Company | Cranberry, PA May 2026 – Present

- Created a full stack application with C# .NET and Angular
- Redesigned and improved UI components of an existing app to improve usability and consistency
- Resolved bugs across multiple existing applications to improve reliability and functionality

Quality Assurance Internship, Smith Micro Software, Inc | McCandless, PA May – August 2025

- Executed Spira test sets to ensure proper app functionality for millions of users
- Documented irregularities between app behavior and expected behavior on Jira
- Validated three new features worked as intended

PROJECTS

CustomMade Games (**React**, **MUI**, **Next.js**) – Solo Project January 2025 – Present

- Designed, developed, and deployed a browser-based game generation platform using Next.js and React
- Deployed automated CI/CD pipeline using Github Actions
- Improved lighthouse performance score to a minimum of 90 in all categories.

GarageHub (**React**, **React Native**, **JS**) – Group Project August 2025 – May 2026

- Gathered requirements from stakeholders and translated them into application features.
- Developed a full-stack web and mobile application used by a local non-profit organization of 12+ volunteers to support operations
- Developed web and mobile application features based on stakeholder feedback
- Integrated Slack authentication to streamline volunteer access and account management
- Configured and maintained Linux-based development environments for backend services
- Designed and developed the administrative web portal using React to manage volunteer and organizational data.

Where's My Movie? (**Kotlin**) – Group Project October – December 2025

- Developed an Android app using Jetpack Compose
- Integrated data from multiple APIs to get movie info and streaming availability
- Reduced API requests through local caching
- Managed local database to store favorite movies, movies to watch, and user preferences
- Used streaming data and saved movies to provide streaming subscription recommendations

EDUCATION

Grove City College, Grove City, PA May 2026

Major: B.S. Computer Science (ABET Accredited), **Minors:** Mobile Development, Cybersecurity

Major GPA: 3.68

Relevant Coursework: Software Engineering, Web Development, Android Development, iOS Development, Java 1 & 2, Advanced Programming, Operating Systems, Parallel Computing, SEO

SKILLS

Programming Languages: Java, JavaScript/TypeScript, HTML & CSS, C# .NET, Python, Scala, Kotlin, Swift, C

Technologies: React, Angular, Linux/Bash, Git, Jira, Azure DevOps, FabricMC, JUnit, Bootstrap, Electron, Figma, Spira, Flask, Discord.js