# Ryan Sullivan

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## Education

**Rowan University**, BS in Computer Science     Sept 2023 – May 2027
- **Software Engineering Concentration** | GPA: 3.6/4.0 | 1x President's List | 2x Dean's List
- **Relevant Coursework:** Data Structures & Algorithms, Database Systems, Object-Oriented Programming, Computer Lab Techniques (UNIX/Git/C-Programming), Software Engineering I

## Experience

**Software Engineer Intern**,     May 2025 – Dec 2025
*Oasis Games – Remote*
- Assist in building B2C SaaS startup utilizing Spring Boot, Python FastAPI and Vue.js
- Helped Senior-Engineers in architecting RESTful APIs, with domain driven design and efficient data handling.
- Assisted in deployment using AWS s3 buckets, Heroku, IOS app store, Google Play store, and MacOS/Windows support.

**Security Analyst/Programmer Intern**,     Apr 2025 – Present
*Rowan University Information Security Office – Glassboro, NJ*
- Developed custom Google App Scripts to enhance spreadsheet functionality, enabling more efficient data filtering and reporting.
- Contributed to enterprise-level initiatives, including university-wide penetration testing and vulnerability remediation in collaboration with system owners.
- Designed and maintained the Information Security Office budget dashboard to support cost monitoring and forecasting.

## Projects

**College Essay Formatter**     2025
- Developed full-stack application with Spring Boot RESTful API and React frontend featuring automated MLA/APA document formatting, PDF generation with proper headers/citations, and responsive UI design.
- Tools Used: Spring Boot, Spring Security, Spring Web, PDFBox, MapStruct, PostgreSQL, JJWT, React, Tailwind CSS

**Conduit Servers**     2025
- Collaborated with a team to develop a RESTful API for full-stack enterprise application enabling game developers to showcase projects and engage with community members, utilizing Agile methodologies and CI/CD automation to maintain high development velocity.
- Led design and architecture of FastAPI Python backend implementing real-time status monitoring and health checks
- Tools Used: Spring Boot, Spring Web, MapStruct, PostgreSQL, FastAPI, Liquibase, Heroku, Netlify, AWS

**Amazon Item Sale Tracker**     2025
- Engineered a web application that interacts with Rainforest API to track item price trends, notify users of sales, and automatically manage tracked items through a built-in scheduler.
- Tools Used: Spring Boot, React with TypeScript, Rainforest API, MapStruct, PostgreSQL, Tailwind CSS

## Technologies

**Languages:** Java, JavaScript/TypeScript, Python, SQL, C, UNIX/Linux, PHP

**Technologies:** Spring Boot, React, PostgreSQL, MySQL, FastAPI, AWS (S3), Git, Google App Script, Vue.js