Rowan Dillon <https://rowan7401.github.io/>

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**EDUCATION**

**Villanova University**, *Villanova, PA* *Aug. 2020 - May 2024*

* Bachelor of Science in Computer Science | GPA: 3.53/4.00
* 4x selection to the Dean’s list.
* Graduated Cum Laude.

**WORK EXPERIENCE**

**Revature** • Java Intern – Back End *REMOTE | Feb. 2025 – PRESENT*

* Mastered programming skills in Java, SQL, RESTful API Construction and Spring Framework.
* Implement project work including construction of functional REST APIs using Test Driven Development methodologies.
* Completed 110 Coding Activities and showcased comprehension through fourteen (14) graded evaluations.
* Leverage Java APIs to write algorithms to solve various challenges and problem sets.

**Launch Consulting Group** • Front End Software Engineer Intern *Bellevue, WA | Jun. 2023 – Aug. 2023*

* Contributed at multi-national consulting firm specializing in AI focused technology transformation initiatives.
* Programmed HTML dashboard, embedding Power BI reports/graphs to visualize key financial metrics.
* Derived crucial business data like YTD revenue and monthly GM percentage, utilizing Chart.js for operational insights.
* Delivered presentations to senior technology leaders outlining strategies for clients to leverage generative AI.

**Vatican Telecommunications** • Internet Service Provider Intern *Vatican City | Sep. 2022 - Dec. 2022*

* Exceled in culturally enriching courses while undertaking internship within the Vatican Internet Service Provider office.
* Deployed instant messaging server on office’s cloud network, graphically customized through CSS.
* Developed daily in VM environments, parsing tech documentation, gaining 100+ hours of experience in LAMP stack.
* Pitched successful proposal to use Matrix protocol to board of directors, increasing security and performance within office.

**PROJECTS**

**NovaHouse App** • React Native ([repo](https://github.com/CSC4700-Spring2023-Org/csc4700-s23-project-team-1-vu-housing)) *Jan. 2023 – Dec. 2023*

* Led the development of crowd-sourced mobile app to streamline off-campus housing search process for Villanova students.
* Utilized Agile software lifecycle, TypeScript, to develop a cross-platform application within React Native framework.
* Integrated Zillow API to validate addresses, ensuring secure storage in a Firebase backend database.
* Collaborated effectively within team of 4 engineers, defining key functional requirements, building extensive test cases.
* Presented completed app to the CSC department stakeholders, receiving approval for deployment on Google Play Store.

**Statistics Quiz App** • [Spotify Web API](https://rowan7401.github.io/Spotify-Web-Api-Quiz-App/) ([repo](https://github.com/Rowan7401/Spotify-Web-Api-Quiz-App))  *May 2022 – Aug. 2022*

* Coded statistics app where users can quiz themselves on their favorite artists’ data.
* Utilized JavaScript to handle data retrieval from 5 distinct Spotify REST API endpoints.
* Envisioned and deployed HTML webpage which hosts user interface with accompanying CSS animations and JS event listeners to provide smooth, satisfying end-users experience.

**SKILLS**

* **Programming Languages:** Java, Python, CSS, HTML, JavaScript, C, MySQL, Linux,
* **Frameworks:** React Native, Typescript, REST APIs, Spring, JDBC, Agile SDLC, Waterfall, Firebase, Ubuntu, CLI
* **Technologies:** Power BI, Teams, Azure, Linux, Virtual Machines, GitHub, Firebase, Figma, Lucidchart, REST API, Node.js, Cloud, Visual Studio Code, Windows, Microsoft Suite, Excel, Google Sheets, Cybersecurity

**COMMUNITY INVOLVEMENT**

**Villanova Learning Studio** • Computer Science Tutor  *Oct. 2023 – Apr. 2024*

* Tutored and mentored beginner computer science students 6+ hours a week in programmatic tasks.
* Brought record-breaking 42% increase in total sessions for studio by leading outstanding, detail-oriented appointments.
* Expanded tutee comprehension assisting with labs, homework, and studying for Data Structures & Algorithms I-II courses

**Villanova Consulting Group** *Mar. 2023 – May 2024*

* Engaged in bi-weekly meetings where focused students discussed industry trends and improving upon consulting skills.
* Participated in summer long consulting bootcamp where case interviews are practiced with alumni and peers.

**Villanova Leadership Program** *Jan. 2022 – May 2022*

* Awarded leadership certificate after attending seminars with prominent guest speakers regarding the development of leadership skills.
* Connected with driven, focused students through team building events, forming community of future leaders on campus.