

# Patrick Juliano

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## EDUCATION

**Stevens Institute of Technology**, Hoboken, NJ

May 2023

Bachelor of Science in Computer Science | **GPA:** 3.905/4.000

**Honors:** Upsilon Pi Epsilon (International Computer Science Honor Society), UPE Scholarship Award,  
Dean's List, Edwin A. Stevens Scholarship, Presidential Scholarship, Stevens Grant

## COURSEWORK

**Application Software:** Senior Design, Web Programming I & II, Database Management Systems, Human-Computer Interaction, Object-Oriented Analysis and Design, Software Development Process

**System Software:** Operating Systems, Systems Programming, Principles of Programming Languages,  
Computer Organization and Programming

**Technical:** Concurrent Programming, Algorithms, Data Structures, Theory of Computation, Discrete Structures

**Quantitative:** Knowledge Discovery and Data Mining, Linear Algebra, Intermediate Statistics

## SKILLS

**Languages:** Java, JavaScript, C#, C++, C, Python, HTML5, CSS3, SQL, R

**Technologies:** Node.js, Express, React, React Native, Angular, Axios, Redis, Redux, Firebase, GraphQL, Apollo Server,  
MongoDB, Next.js, TypeScript, Vue.js, WebSocket

**Software:** Visual Studio, Git/GitHub, Jira, Bitbucket, Slack, Microsoft Teams, Microsoft Office, Figma, VirtualBox

## PROJECTS

Weatherboard

10/22-Present

- Developing a single-page web application via the MERN stack that queries the OpenWeatherMap API to supply users with real-time and forecasted global weather data
- Authenticating users across multiple platforms with Firebase and storing their preferences in a centralized state that can be accessed sitewide with Redux

Binterest

9/22

- Developed a single-page image curation platform via the MERN stack that supports user-uploaded images alongside those queried from the Unsplash API
- Implemented GraphQL in conjunction with Apollo Server to limit queries and prevent overfetching

Coastal FloodHub

9/21-4/22

- Developed a mobile application that facilitates the collection and visualization of flood data provided by the Stevens Flood Advisory System in affiliation with the NY/NJ Sea Grant
- Utilized React Native and supporting libraries to facilitate cross-platform development
- Coordinated with coastal resilience specialists and maintained weekly project deliverables

## WORK EXPERIENCE

**Government Acquisitions, Inc.**, Remote

6/22-Present

RPA Intern

- Developing automation solutions in C# via the UiPath Business Automation Platform
- Completing the UiPath Certified Professional program in the field of robotic process automation (RPA)
- Attending stand-ups to establish project requirements and coordinate with team members

**iD Tech**, Remote

5/21-7/22

OPL Instructor

- Taught web design and program development via such languages as C++, Python, and Java
- Developed comprehensive curricula on a client-to-client basis
- Coordinated with clients to manage lessons, track progress, and set long-term goals