

Patrick Juliano

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EDUCATION

Stevens Institute of Technology, Hoboken, NJ

May 2023

Bachelor of Science in Computer Science | **GPA:** 3.917/4.000

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, Agile Methods for Software Development, Database Management Systems, Human-Computer Interaction, Object-Oriented Analysis and Design

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, AWS

Software: Visual Studio, Git/GitHub, Jira, Bitbucket, Slack, Microsoft Office, Figma, VirtualBox, Unity, WebGL

PROJECTS

Weatherboard

10/22-12/22

- Developed 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
- Authenticated users across multiple platforms with Firebase and stored 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

Business Automation Developer

- Developing business automation solutions in C# iteratively via continuous integration
- Engaging in Agile software development model alongside professional team of developers
- Coordinating with project clients at all times throughout software development life cycle

iD Tech, Remote

5/21-7/22

Software Instructor

- Taught software development and web development to independent clients
- Developed comprehensive project-based curricula on a client-to-client basis
- Coordinated with clients to manage lessons, track progress, and set long-term goals