

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

Software: Senior Design, Web Programming, Database Management Systems, Software Development Process,
Project Management

Technical: Concurrent Programming, Algorithms, Data Structures, Discrete Structures

Hardware: Operating Systems, Systems Programming, Principles of Programming Languages, Computer
Organization and Programming

Mathematics: Knowledge Discovery and Data Mining, Intermediate Statistics, Linear Algebra

SKILLS

Languages: C++, C, C#, Python, Java, JavaScript, HTML, CSS, SQL, R

Runtimes/Frameworks: Node.js, React, Express, Bootstrap

Environments: Visual Studio, Visual Studio Code, Eclipse IDE, IDLE, RStudio

Software: Git/GitHub, Jira, Trello, Slack, Figma, Microsoft Office, MongoDB, VirtualBox, Unity

Libraries: axios, bcrypt, express, express-session, handlebars, jquery, mongodb, totaly, xss

PROJECTS

Film Review Platform

2/22-5/22

- Developed a web application that facilitates the creation and sharing of independent film reviews
- Utilized Express and Node.js to handle server and backend requirements, and MongoDB to persist data
- Wrote accessible HTML, implemented robust authentication, and defended against security attacks

Coastal FloodHub

9/21-4/22

- Developed a phone 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
- Coordinated with coastal resilience specialists and maintained project deliverables on a weekly basis to facilitate the software development process
- Utilized React to support cross-platform development

Show Finder

4/22

- Developed a web application that searches the TV Maze API for information about requested TV shows
- Utilized jQuery and client-side AJAX requests to create a responsive single-page design

EMPLOYMENT

iD Tech, Remote

5/21-Present

OPL Instructor

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

All Saints CDC, Hoboken, NJ

10/19-4/20

Counselor

- Supervised and supported the members of All Saints' afterschool program
- Managed on-site duties with administrative responsibilities