

Timothy James Barrett

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Objective

Seeking an engaging and challenging computer science internship position for the summer of 2019.

Education

Stevens Institute of Technology

Bachelor of Science in Computer Science

Economics Minor

Hoboken, NJ

Expected May 2020

Accolades: Edwin A. Stevens Scholarship

Relevant Coursework: Discrete Structures, Data Structures, Algorithms, Software

Development Process, Systems Programming, Programming Languages, Microeconomics,

Macroeconomics, Project Management, Automata and Computation, Concurrent Programming, Database Management Systems

Programming Languages: Proficient in C++, C, Java, JavaScript, Python, Node, HTML/CSS, Git

Familiar with XML, SQL, MongoDB, R, C#, Scheme

Software Skills: Adobe Premiere Pro & Photoshop, MySQL, Visual Studio Code

Work Experience

Independent Contractor

IT Consultant and Engineer

Hoboken, NJ

August 2017 - Present

- Troubleshoot, repaired software and hardware problems on PCs, laptops, workstations and printers.
- Designed and custom built workstations based on clientele requirements.
- Installed operating systems, MS Office, and other custom software.
- Expanded server networks and improved cable management.
- Lead lessons in solutions for common technical obstacles in the workplace (troubleshooting printing, poor connection, RAM slowdown).

Projects

tjbarrett42.github.io

Personal website

Personal

- Custom central hub for viewing portfolio projects, most recent resume, and additional contact information.
- Built with HTML, CSS, and JS components as well as jQuery for a clean viewing experience on both desktop and mobile.



Spotify Stats

Group final project for Web Development course

Academic

- Combined Spotify Web API and MongoDB functionality to develop a web application that lets users search and create playlists in-browser.
- Secure login, logout, and cookie authentication allowing for persistent tracking of playlists.

Leadership and Volunteer Experience

Stevens Institute of Technology

Kappa Sigma Fraternity, Rho Omega Chapter – Brother, Webmaster

Hoboken, NJ

November 2018 – Present

- Responsible for upkeep and maintenance of the Rho Omega website - <https://web.stevens.edu/kappasigma/>

Student Government Association - Senator, Chair of the SGA Website Committee

October 2016 – December 2018

- Website Committee Chair and Webmaster, responsible for the development of a new official SGA website and broadening possibilities for social media accessibility.
- Representative for the freshman, sophomore, and now junior class. Responsible for hearing the needs and interests of peers and addressing them in weekly senatorial meetings.
- Previously served on Budget Committee and Campus Life Committee, for overseeing & approving school club budgets and spearheading campus improvements, respectively.