

# Jay Yunas

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## EDUCATION

**Connecticut College**, New London, CT **May 2022**  
*Bachelor of Arts in Computer Science, Economics | Minor in Finance* GPA: 3.6/4.0  
**Honors:** Forbes Under 30 Scholar, Presidential Scholar, Dean's High Honors (Fall '18, Spring '20)  
**Coursework:** Algorithms, Computer Organization, Discrete Math, Calculus III Algorithmic Game Theory

## PROFESSIONAL EXPERIENCE

**The Beau Biden Foundation** **Spring 2020**  
*Software Engineer Intern, Web Development* Wilmington, DE

- Redesigned website using AJAX framework adding a volunteering and blog capabilities
- Researched updates for next generation web site including a restructured MongoDB database

**Citibank Operations & Technology** **Spring 2019**  
*Early ID Technology Leadership* New York, NY

- Built microservices using API's, implemented hybrid and private cloud solutions using AWS

**Connecticut College Computer Science** **Summer 2019**  
*Student Research Intern, Algorithmic Game Theory* New London, CT

- Developed a program based on research in approval voting based scheduling, using Python

**Tech Mahindra** **Summer 2019**  
*Software Engineer Intern, Business Processing Services* New London, CT

- Led 10-member team in analyzing 50+ companies using SQL Server and PowerBI to implement 10 to provide AI and ML solutions to enterprise clients
- Increased internal SQL Server database efficiency by 55% through Python automation/scripting

## PROJECTS

**Multimedia Heritage Tours Web App** - [cameltours.org](https://www.cameltours.org) **Fall 2020-Present**

- Developing and supporting a platform to create audio-visual tours using LAMP stack and jQuery, to serve a growing database of self-guided tours in Connecticut

**Weather Report** - [weather.jayyunas.com](https://www.weather.jayyunas.com) **Summer 2020**

- Created weather web app using Node.js, Express, and Axios, deployed on Heroku
- API requests to MapQuest and OpenWeather to retrieve location and weather information

**Virtuoso Student** - [virtuosostudent.com](https://www.virtuosostudent.com) **Spring 2020**

- Coordinated startup to help underprivileged prospective college applicants
- Developed website using jQuery, HTML5, CSS3 and hosted on GitHub Pages

## EXTRACURRICULAR EXPERIENCE

**Connecticut College Teaching Assistant** **Spring 2019-Present**

- Worked with professors to offer tutoring sessions and lab guidance, grading assignments
- Fall '20: Data Structures; Spring '20: Data Structures; Spring '19: Intro to CS

**Hewlett-Packard Summer Scholar** **Summer 2020**

- Learned about how business decisions are made, priorities managed, and tradeoffs mitigated
- Discussed the drivers and mindsets required to take risks in a highly competitive technology market

**JP Morgan & Chase Virtual Experience Program Participant** **Summer 2020**

- Participated in the open access JP Morgan Virtual Experience Program with InsideSherpa
- Interfaced with a stock price data feed (Python, Git), used JPMorgan frameworks and tools (React, Typescript), and displayed data visually for traders

**Bloomberg Market Concepts** **Spring 2020**

## ADDITIONAL SKILLS & ACTIVITIES

**Technical Skills:** Java, Python, JavaScript, PHP, R, Swift  
**Languages:** Highly proficient in written/spoken French and Hindi  
**Volunteering:** New London Homeless Center, Cornerstone Foundation (Mentor), Grace School (Coach)  
**Activities:** Jazz Percussion, Basketball, Soccer, Hiking, Biking, Photography, Videography