YANNI TRIMIKLINIOTIS (He/Him)

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EDUCATION

New York University New York, NY
B.A. Computer Science and History with Honors *August 2022 – May 2026*
Presidential Honors Scholar - Current GPA: 3.96
Relevant Coursework: Basic Algorithms, Applied Internet Technology, Computer Systems Organization, Data Structures, Discrete Math, Linear Algebra, Math for Economics (Calculus) I & II

EXPERIENCE

Juni Learning Remote
Computer Science Instructor *May 2024 – Oct 2024*
- Taught middle-school and high-school students 5 computer languages: Python, Java, JavaScript, HTML, and CSS
- Developed and delivered engaging lessons, reviewed programming projects, and tested for bugs to ensure assignments were completed correctly and modularly
- Enhanced students' understanding of data structures, enabling them to apply these concepts in open-ended projects

New York University New York, NY
University Learning Center *- Supplemental Instructor* *September 2024 – Present*
- Promoted to this position wherein I host 2 learning groups of 20 people for Calculus 1 for which I prepare material
- Facilitate interactive learning activities that integrate metacognition practices with Calculus course content
- Maintain Learning Assistant responsibilities of Computer Science and Calculus drop-in tutoring hours

Tandon School Of Engineering *- Teaching Assistant* *July 2024 – September 2024*
- Led recitation sections to teach and review material with over 30 students based on prepared worksheets
- Graded assignments and exams and provide feedback to students based on their performance with content

University Learning Center - *Learning Assistant* *January 2024 – July 2024*
- Tutored over 15 courses including Data Structures, Calculus, Microeconomics, Macroeconomics, and general writing
- Led group drop-in hours for Data Structures and Algorithms and Calculus, improving scores for over 30 students
- Reviewed students' assignments to build study plans and learning techniques for students, furthering their success

PROJECTS

Playlist Enhancer – *React, NodeJS, and HTML/CSS* August 2024 – Present
- Developing a web application that allows users to import Spotify playlists and receive custom playlist cover images generated by DALL-E.
- Utilizes the Spotify API's song analytics, genres, and tags to generate a prompt for the OpenAI API

Personal Portfolio – *React, Next.js, and HTML/CSS* September 2024
- Personal website utilizing Flexbox, Grid, and other CSS technologies to create a responsive design for various devices
- Integrating an Azure Chatbot connected to a ChatGPT 3.5 bot to provide interactive responses to inquiries about my resume.

Matrix Calculator - *Java* *November 2023 – February 2024*
- Developed a program that performs matrix operations, including transposition, addition, multiplication, and inversion.
- Implemented mathematical algorithms such as Cramer's Rule and Gaussian Elimination to solve systems of equations.

SKILLS

Languages: Java, Python, HTML/CSS, JavaScript, C, x86 ASM, LaTeX, SQL
Frameworks/Preprocessors: Express, React, Node.js, Next.js, SaSS, Unity
Tools: Azure, Figma, Git, Github, MongoDB, Unix, VS Code, Windows

LEADERSHIP

University Hall Parliament New York, NY
Director of Business Administration *September 2022 – May 2023*
- Maintained weekly attendance records and prepared all correspondence for UHall Parliament (UP)
- Presented all proposal submissions, weekly agendas, and slideshows, and oversaw the reconciliation process for all approved funding proposals, while managing a budget of over $7,000

ACHIEVEMENTS

Dean's Undergraduate Research Fund *May 2024*
Awarded a Training Grant of $750 to build a historiography on the formation of German identity in the 1800s

Pathways for Discovery: Undergraduate Research and Writing Symposium *April 2023*
Presented my original paper on the formation of binary polarization in educational discourse and discussed it with other co-panelists