

Antonios F. Takos

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EDUCATION: Bachelor of Science in Computer Science, St. John's University, Queens, New York

2019 - 2023

Relevant Courses: Data Structures, Database Management Systems, Web Application Development, Data Mining, Software Engineering

SKILLS:

- **Programming/Scripting Languages:** Java, Python, JavaScript, HTML, CSS, SQL, PowerShell, BASH, AutoHotkey
- **Tools/Technologies:** Git, React.js, Node.js, Express.js, Flask, Selenium, Streamlit, Pandas, Java Swing, Elementor, SSH, RDP, PXE,
- **Platforms/Applications:** GitHub, Google Firebase, MySQL, WordPress, Figma, AWS Amplify, Microsoft Office, Google Suite
- **Miscellaneous:** Leadership, Communication, Problem-Solving, I.T Operations, Modern Greek (Limited Working Proficiency)

EXPERIENCE:

Philo4Thought Hellenic Mentoring Initiative – Technology Specialist, New York, NY

Mar 2023 – Present

- Maintain and update the organization's WordPress site utilizing Elementor plugin and custom CSS
- Streamlined importing of 2000+ emails into the organization's email lists with Python Pandas, reducing process time by 50%
- Provided AV equipment support and setup for various events, including the recording and subsequent editing of videos
- Received Triple "C" Award from Office of the New York State Attorney General for exceptional support and community dedication

St. John's University: Collins College of Professional Studies – Research Assistant, Queens, NY

Oct 2022 – Present

- Using the opensesame Python library to investigate engagement levels of university students with educational video content on a range of topics, including Algorithms and Support Vector Machines, across both STEM and non-STEM fields of study
- Leveraging PyLink library to integrate the EEG and eye-tracking technology, and using Python and data analysis techniques to interpret research findings and evaluate their impact on the field of educational engagement

Headstarter – Software Engineer Fellow, Long Island City, NY

January 2023 – March 2023

- Collaborated with teams to develop and deploy 3 full-stack web applications with AWS, React JS, Google Firebase, and Python Flask
- Acquired in-depth knowledge of development technologies and processes such as Agile, Git, CI/CD, and software design patterns

St. John's University Hellenic Society – Secretary + Web Developer, Queens, NY

May 2022 – May 2023

- Designed and developed a fully responsive website for the student organization using React.js and Netlify, leveraging my skills in web development to provide a modern, user-friendly interface for all members and visitors alike
- Managed communication with members and maintained attendance/contact records using Google Suite
- Collaborated with board members to schedule meetings, prepare agendas, and record minutes using tech tools

Jane Street Capital – Desktop Support Engineer Intern, New York, NY

May 2022 – June 2022

- Imaged physical Windows and Linux workstations via PXE, configured to network, and assigned to 20+ users
- Implemented AutoHotkey and PowerShell scripts for Lenovo device lookup, resulting in an increase of daily task efficiency by 80%
- Performed daily maintenance checks on Cisco and Lenovo tech equipment in conference rooms

Astoria Dental Arts – I.T Support Specialist, Queens, NY

Sep 2019 – May 2022

- Troubleshooted and resolved I.T issues related to networking (including local Dentrux server or Internet connectivity), peripheral devices, unprompted Windows updates, and boot failures
- Performed upgrades on computer hardware including memory, secondary storage, and workstations as necessary
- Scanning over fifty of the practice's large buffer of documents a day onto the practice's server. Patient records, correspondence forms, insurance bills, lab slips, lab bills, etc.

PROJECTS:

Discord GPT Bot

- Developed a custom Discord chatbot using Node.js and OpenAI API & npm library, enabling users to directly query the GPT-3.5 model from text channels, improving community engagement and fostering innovative conversations

Course Registration Bot

- Developed using Python and the Selenium web framework to streamline the registration process; significantly reducing time and increasing overall efficiency by 75%

Headstarter-Connect

- Developed a collaborative video call scheduling React web app with Google Firebase Authentication, Firestore, Node.js, and Agora RTC to enhance teamwork and efficiency among participants

Resume Parser

- Built a web application using HTML, CSS, and Python Flask, enabling users to upload and scan resumes for relevant keywords

HONORS & AWARDS:

Eagle Scout

- The highest rank attainable in the Boy Scouts of America program. An honor only achieved by less than ten percent of its youth members. A program that has instilled in me skills in organization, team management, and above all, leadership