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**](http://www.sjuhellenic.com)– ***Secretary + Web Developer***, Queens, NY **May 2022 – May 2023**

* Designed and developed a fully responsive [website](http://www.sjuhellenic.com) 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 Dentrix 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
* Scanned 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**](https://github.com/adonitakos/Discord-GPT)

* Developed a custom Discord chatbot using Node.js and OpenAI0 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**](https://github.com/adonitakos/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**](https://github.com/adonitakos/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**](https://github.com/adonitakos/ResumeParser)

* 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