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ANDREAS BAXEVANOS

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(not all projects may be public)

EDUCATION

University of Macedonia (UoM)   **2020 – Jul 2024** *(expected)*

- **B.Sc. in Applied Informatics** with a Specialization in Information Systems (*core avg.: 7.65, avg.: 7.35*)
- **Relevant Coursework:** Data Structures, Algorithms, Databases, OOP, Operating Systems, Computer Networking, Linear Algebra, Mobile Application Development

SKILLS AND OTHER

- *Highly skilled/proficient:* Java · Python · Bash · C · PHP · SQL; *Familiar:* HTML · CSS · JS · Kotlin
- Linux · AWS · Docker · Continuous Integration/Continuous Delivery (CI/CD)
- **Spoken languages:** Greek (fluent), English (C2 – Proficiency)

OTHER EXPERIENCE AND AWARDS

- **Operating Systems class presentations:** Gave class-wide presentations on Linux's *Completely Fair Scheduler* (CFS) innerworkings that made into the course's material
- **ICPC 2023:** Organized and trained a 3-member team on programming and mathematical problems for the International Collegiate Programming Competition (ICPC) Greek sub contest (*expected 14-10-23*)

PERSONAL PROJECTS

myTherapy App | Git, Java, Kotlin, MySQL, PHP, Docker, AWS

- Designed & developed a native Android platform that connects patients with medical professionals
- Leveraged **Java** & **Kotlin** for the application's front-end and **PHP** for its server-side interactions
- Implemented a **MySQL** database to store & retrieve data and developed optimized **SQL** queries for it
- Made use of **Git** as a Version Control System (VCS) and a GitHub repository to host the project
- Utilized **Docker** to containerize the application's back-end components, streamlining deployment processes, and made use of **AWS** resources for scalability and reliability

Personal *Cloud-based* Website | Git, HTML, CSS, JavaScript, Python, AWS, GitHub Actions (CI/CD)

- Conceptualized and created a personal website (link), integrated with AWS services and streamlined through GitHub Actions CI/CD pipelines for efficient development & deployment
- Utilized **HTML** for the site's structure, **CSS** for its styling and **JavaScript** for enhanced user interactivity
- Hosted the website on **AWS S3** infrastructure resources, ensuring rapid and secure access through a **CloudFront** distribution utilized as a CDN. Configured custom DNS records to point to the CloudFront distribution, facilitating website access via a personalized domain name
- Efficiently managed visitor data using **Amazon DynamoDB** and implemented a Python-based **Lambda serverless functions**, acting as an API, to seamlessly integrate the website's JavaScript code with it
- Made use of **Git** as a VCS and implemented a **CI/CD pipeline** through GitHub Actions for automating updates to the website's front-end, ensuring a smooth and efficient deployment process

Cloud-based Web Automation System | Git, Python, Selenium, AWS | *ongoing*

- Utilized **Python** to run an **AWS**-backed automation system, which uses **Selenium** within Firefox session containers to run a set of tasks and collect relevant data
- Designed and developed a **DynamoDB** database to store & retrieve the data above as needed