

Bartholdy Alexandre

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EDUCATION

Bachelor of Science in Computer Science

Florida Atlantic University, Boca Raton, FL

August 2023

Relevant courses: Princ. of Software Engineer, Found. of Computer Science, Data Structure & Algorithms, Full Stack Web Design, Intro. To Database, Applied Crypto & Security, Engineering Design II, Intro. To Cloud Computing

TECHNICAL SKILLS

Languages: JavaScript, Python, C++, HTML, CSS, SQL

Framework: React, Flask, Bootstrap, Express.js

Libraries/Tools: GitHub, MongoDB, Docker, Amazon Web Services (AWS), Windows OS, Linux, Virtual Machine (VM), Postman, Node.js, Mongoose, OpenAI API, VS Code, PowerShell, RestAPI, Jira

PROFESSIONAL EXPERIENCE

Cloud Engineer Intern

May 2023 – August 2023

Power Systems Mfg, Jupiter, FL

- Collaborated on AWS network troubleshooting, monitoring, and implementing strong security strategies.
- Administer comprehensive reviews and research analysis of the IT department's documentation to identify opportunities for enhancement and ensure their current relevance.
- Aided senior engineers in crafting detailed Veeam system diagrams and reports for optimal business outcomes.
- Skillfully undertook the configuration and deployment of 29 new access points across the entire office environment.

Frontend Developer Intern

August 2022 – January 2023

Florida Atlantic University, Boca Raton, FL

- Designed and executed responsive web applications with third-party software integrations.
- Revamped 70% of one web application user interface by utilizing JavaScript, HTML, & CSS, presenting a fresh and intuitive design that enhanced user experience and engagement.
- Conducted testing, debugging, and seamless deployment of multiple code iterations.
- Managed and updated web application content, employed WordPress for secondary projects.

IT Infrastructure Intern

May 2022 – August 2022

Virgin Voyages Cruise Line, Plantation, FL

- Proficiently oversaw over 100 devices administration through the utilization of asset management software.
- Contributed to the efficient management of Active Directory by assisting in the administration of both existing and newly onboarded users.
- Utilized SQL commands proficiently to execute a range of tasks with precision and effectiveness.
- Streamlined hardware and software provisioning processes for end users, ensuring smooth and efficient setup procedures.

TECHNICAL PROJECTS

Fitness App | React.js, Node.js, Postman, CSS, MongoDB, JWT | [GitHub](#)

- Effectively leveraged Postman for rigorous testing and validation of over 100 application API calls.
- Implemented a robust user authentication system by harnessing the power of JSON Web Tokens (JWT) for enhanced security and authentication within the application.
- Developed a Node.js backend server to optimize and streamline operational processes.
- Applied React.js to craft an engaging and dynamic minimalist frontend interfaces, enhancing the user experience.

Files Storing & Sentiment Analysis App (Senior Project) | React.js, Flask, OpenAI API, AWS, MongoDB | [GitHub](#)

- Utilized React for frontend development and Flask to manage backend functionalities.
- Proficiently employed VS Code IDE, AWS, and GitHub to facilitate efficient project development, tracking, and repository management.
- Executed sentiment analysis across diverse file formats, enhancing data interpretation and insights by exploited OpenAI API.
- Successfully leveraged MongoDB to establish robust data storage and management mechanisms, prioritizing data integrity and security within the application.