Nathaniel Acker

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Summary

Computer Science graduate from York University. Skilled in Object-Oriented Programming and Software Design, with experience in Web and App Development, and strong proficiency in Data Structures and Algorithms. Recognized for effective communication, a collaborative team approach, and adaptability on both Linux and Windows platforms. Driven by continuous learning and dedicated to delivering innovative solutions and value to any team.

Skills

Programming Languages: Java, Python, JavaScript, C, C++, Dart, Bash, HTML, CSS, SQL
Frameworks & Libraries: Flutter, React, Node.js, jQuery
Databases: MySQL, Neo4j, MongoDB, Firebase
Development Tools: Git, Postman, Robot Framework, Visual Studio, Eclipse, IntelliJ IDEA, PyCharm, Android Studio
Methodologies: Agile (Scrum), Version Control (GitHub, GitLab)
Platforms: Linux, Windows, WordPress

Education

BSc, Bachelor of Science: Computer Science, York University - Toronto ON   **2024**
Relevant Courses: Databases, Data Structures, Algorithms Design and Analysis, Software Design, Operating Systems, Object-Oriented programming, Mobile Computing, Web Development (HTML, CSS, JavaScript), Communication Networks, Assembly, Discrete Math, Logic for Computer Science

Experience

Web Developer, STEM FellowShip - Toronto, ON, Canada   **07/2023 – 02/2024**
- Optimized website functionality to align with organizational goals, boosting user experience and engagement.
- Spearheaded major updates, including new web pages and structural adjustments, resulting in enhanced accessibility and site interactivity.
- Partnered with board members in weekly meetings to strategize and document project needs, ensuring efficient project delivery and alignment on updates.
- Diagnosed and resolved complex website issues swiftly, significantly improving site stability and load times.
  Languages/Tools: WordPress, HTML, CSS, Firebase

Software Developer Intern, Samme (start-up) - Tel Aviv, Israel   **05/2022 – 07/2022**
- Engineered new features for the Samme Chrome extension, driving enhanced user experience and functionality.
- Integrated OpenAI for smart, automated client responses, improving engagement and retention within the extension.
- Applied Scrum methodology to maximize team efficiency and project outcomes, managing tasks in Jira and documenting workflows in Notion.
- Streamlined version control processes by consolidating code changes on GitHub, ensuring smooth, reliable release cycles.
  Languages/Tools: Flutter, Dart, Node.JS, OpenAI, GitHub, Jira, Notion

Projects

REST API Backend with Neo4j
Built a backend system that supports REST API endpoints using Java and Neo4j, enabling efficient data retrieval and relationship management.
Technologies: Java, Neo4j, Robot Framework, Postman, Eclipse

Veterinary Appointments App
Developed a to-do style appointment app for veterinarians to manage client schedules effectively.
Technologies: React, GitHub, Visual Studio

Movie Search Data Base
Created a webpage allowing users to search movies through an external API, featuring an intuitive user interface.
Technologies: JavaScript, CSS, HTML, jQuery, GitHub, Visual Studio

Tic Tac Toe
Developed a terminal-based Tic Tac Toe game featuring multiplayer and single-player modes against an AI opponent using the Minimax algorithm.
Technologies: Java, Eclipse

OOP-Based Backend Model for Computer Science Department
Designed and implemented a backend model using Java that integrates all components of Object-Oriented Programming (OOP) to manage and streamline department operations.
Technologies: Java, Eclipse