

# John Doe

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## EDUCATION

**Binghamton University, State University of New York, Thomas J. Watson College of Engineering and Applied Science**

*Bachelor of Science in Computer Science*

*Expected May 2024*

**Cumulative GPA:** 3.56 /4.00 | **Dean's List:** Fall 2021 – Spring 2023

**Honors:** Upsilon Pi Epsilon Honor Society

**Relevant Coursework:** Data Structures and Algorithms, Object-Oriented Programming, Machine Learning, Operating Systems

## TECHNICAL SKILLS

**Languages:** C++, C, Swift, Java, Python, Scala, Javascript, Visual Basic .NET, X-86 Assembly

**Software and OS:** XCode, Eclipse, Android Studio, Visual Studio Code, Jupyter Notebook, Git, Linux, Vim

**Additional:** React, AWS, HTML, CSS, XML Parsing, TCP/IP, SQL Workbench, Data Visualization, Predictive Analysis

**Certifications:** Advanced Algorithms, Advanced Machine Learning, AWS Certified Cloud Practitioner, AWS Certified Developer Associate, Certificate in Full Stack Web Development

## PROFESSIONAL EXPERIENCE

**Amazon, Front-End Engineering Intern** | Seattle, WA

*January 2023 – Present*

- Develop an internal online portal to automate the process of requesting/granting reward points for vendor use by utilizing React framework and Ant Design library
- Design an easy-to-use frontend UI system by integrating backend data into a tabular representation that can be easily filtered based on different criterias including time period and type of request
- Increase process efficiency up to 85% by enabling vendors to instantly create requests for reward points
- Enabled status tracking of requests to distinguish successful requests from failed/in-process requests

**Ernst & Young, Trajectory Program Internship** | New York, NY

*August 2022 – December 2022*

- Collaborated in a team of six to conduct risk assessment by developing tool using Microsoft Excel and Visual Basic .NET
- Designed UI for risk assessment tool by organizing the tool into sections, controlling workflow and developing methodology to identify and assess areas of high risk
- Analyzed security environment and related risk for bank infrastructure to improve safety measures
- Presented final recommendations to 50+ Ernst & Young executives at the NY headquarters

## PROJECT EXPERIENCE

**To-Do Task Manager, iOS Developer** | Group Project

*January 2023 – May 2023*

- Worked in a team of 4 to build a user-friendly iOS application to manage everyday tasks using Xcode and SwiftUI to provide the user with a vast range of options for categorizing and prioritizing tasks
- Added support to sync with Google calendar by utilizing Google Calendar API for ease of use across multiple platforms
- Published app on App Store and received over 1,000 downloads in less than two months

**Trivia Game App, Android Developer** | Independent Project

*December 2021 – March 2022*

- Created Android trivia game with an attractive UI using Java in Android Studio to test users knowledge in different niches
- Added features like customized user profiles, leaderboard and social media integration to increase user engagement
- Published app and made available for download on Google Play store, receiving 1,000+ downloads in less than 3 months

**Emotion Detection App, Team Member** | Group Project

*September 2021 – December 2021*

- Worked in a team of 5 to create a web application using Jupyter Notebook and a dataset from Kaggle to detect emotions via live video and image recognition
- Achieved 95% accuracy by using the Support Vector Machine and 88% accuracy for Convolutional Neural Network algorithm and presented the app in front of 100+ students and faculty members

**Weather App, Web Developer** | Independent Project

*May 2021 – August 2021*

- Developed a web application using React with Typescript, HTML, CSS and Accuweather API with an easy to use user interface while utilizing Model View Controller (MVC) design pattern to maintain the structure of project directory

## LEADERSHIP EXPERIENCE

**Association of Computing Machinery (ACM), Secretary**

*November 2022 – Present*

- Manage comprehensive records for the chapter and orchestrate a variety of campus events, encompassing the task of recruiting speakers for events
- Delivered persuasive presentations to groups ranging from 100 to 300 prospective members

**Theta Tau Professional Engineering Fraternity, Professional Development Chair**

*August 2021 – May 2023*

- Coordinated professional development initiatives for a membership of 50+, including organizing engaging events such as workshops featuring guest speakers from various industries and arranging insightful plant tours

- Engaged in collaboration with multiple student organizations to organize and facilitate over 10 professional development workshops focused on enhancing skills such as resume writing and cover letter preparation