

ELIF DORTKARDES

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EDUCATION

Binghamton University, SUNY, Thomas J. Watson College of Engineering and Applied Science

Binghamton, NY

Bachelor of Science in Computer Science | GPA: 3.00

Istanbul Technical University

Istanbul, Turkey

Bachelor of Science in Information Systems Engineering

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, C, C++, C#, SQL

Software and OS: Linux, Windows, OS 10, Microsoft Office, Git, GitHub, Eclipse, Visual Studio Code, Jupiter Notebook

Additional: OpenCV, TCP/IP familiarity, HTML, CSS, MySQL, Logisim, Matplotlib

Additional Courses: Analysis of Algorithms, Computer Networks, Operating Systems, Multimedia Systems, Programming for the Web

PROFESSIONAL EXPERIENCE

Pinair Tech Corp Sales/Administrative Assistant

NYC, NY May 2024 – Present

- Conducted high-volume data entry and managed customer accounts, demonstrating strong accuracy and attention to detail
- Reviewed, prepared, and processed incoming quote requests, ensuring part number and pricing validation, ERP review, and adherence to traceability requirements and FAA regulations
- Sourced aerospace parts through search engines and maintained updated inventory on various selling platforms, showcasing proficiency in Quantum Component Control and compliance with aerospace quality standards

Front-End Developer Intern EzCommerce Company

March 2024 – May 2024

- Enhanced web application UI/UX by implementing new features such as dropdown menus and updated logos using Angular framework. Utilized TypeScript for building dynamic, type-safe, and scalable front-end components, improving code quality and maintainability
- Applied Git version control for source code management and collaborated with the team using GitHub for code reviews and pull requests. Used Angular CLI and Webpack for efficient build processes and project scaffolding. Participated in Agile development practices, attending daily stand-ups and contributing to sprint planning and retrospectives

Mirobitto Web Developer Intern Expense Reimbursement Automation Project

Binghamton, NY August 2023-May 2024

- Developed and deployed an OCR-powered software integrated with a RESTful API using ASP.NET Core and C# to automate the extraction and management of expense data, significantly enhancing processing accuracy and efficiency
- Designed a user-friendly interface for receipt capture and manual data entry, incorporating robust validation systems to ensure data accuracy
- Reduced reimbursement processing time and improved data accessibility by leveraging OCR technology and SQL Server for digitizing and analyzing expense data, leading to more effective reporting and insights

Technologies Used: ASP.NET Core, C#, OCR Algorithms, Image Processing, RESTful API, Entity Framework, SQL Server

OdakGIS Inc Software Development Intern

Ankara, Turkey December 2022 – February 2023

- Researched programming languages C#.net to implement 5 projects based on Object Oriented Programming, such as memory games and a letter-grade calculator in order to solidify familiarity with C#.net and Visual Studio
- Developed a total of 10 test cases using C#.net and Object Oriented Programming to ensure the code is reliable under extreme conditions

PROJECT EXPERIENCE

Binghamton University, Coding Project Sensor Data Management and Visualization

Binghamton, NY Sep 2023 - Dec 2023

- Developed a multi-phase project to manage and visualize sensor data, including in-memory indexing, database integration, and RESTful web services using TypeScript, Express.js, and React
- Implemented Test-Driven Development (TDD) with Mocha and Chai, ensuring robust error handling and validation, while managing source control and collaboration with Git and GitHub
- Deployed and managed the application on a VM, demonstrating proficiency in server setup, continuous integration, and deployment processes

Technologies Used: TypeScript, React, Express.js, Mocha, Chai, Git, GitHub, VM management

WORK EXPERIENCE

Undergraduate Admissions Binghamton University Tour Guide

Binghamton, NY May 2023 – May 2024

- Led campus tours for over 250 individuals, showcasing highlights and program information, while facilitating discussions to address concerns and coordinating logistics with admissions for a seamless experience

Sodexo Part-Time Student Employee, Campus Dining Hall

Binghamton, NY February 2023 – May 2024

- Supported daily operations by preparing and serving meals, maintaining cleanliness, and collaborating with team members to ensure efficient service and customer satisfaction, all while managing academic commitments